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# TOWN OF ANDOVER

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ANNUAL REPORT

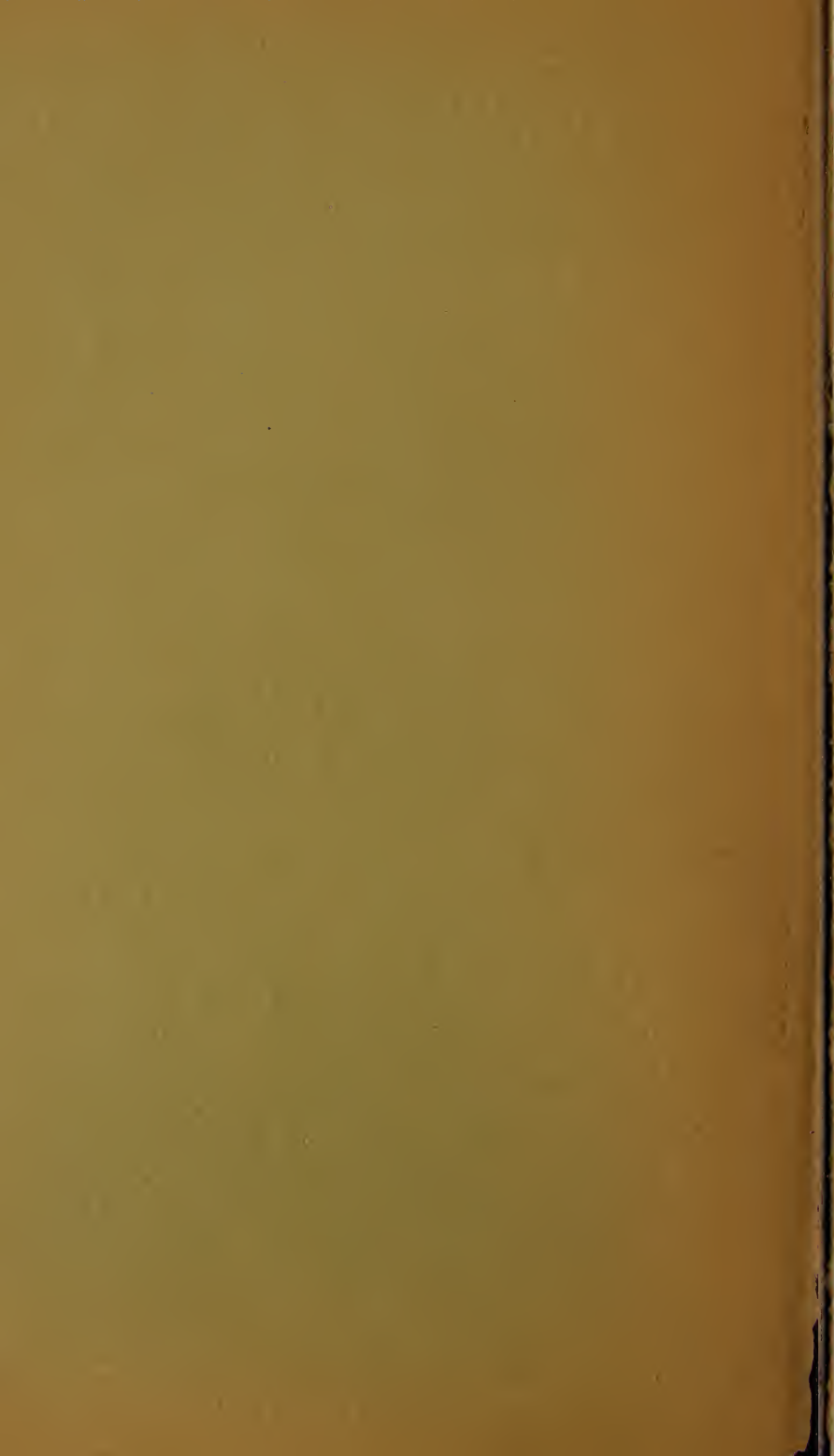
YEAR ENDING JANUARY 15, 1896

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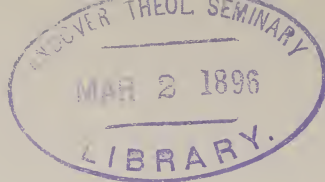
THE  
ANNUAL REPORT  
OF THE  
Receipts and Expenditures  
OF THE  
TOWN OF ANDOVER

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FOR THE  
FINANCIAL YEAR ENDING JAN. 15, 1896.

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ANDOVER, MASS. :  
THE ANDOVER PRESS PRINTERS,  
1896



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## TOWN OFFICERS, 1896.

*Selectmen, Assessors and Overseers of Poor.*

ARTHUR BLISS,	Term expires March, 1896
SAMUEL H. BOUTWELL,	" " " 1897
JOHN S. STARK, Secretary,	" " " 1898

*Town Clerk and Tax Collector.*

ABRAHAM MARLAND.

*Town Treasurer.*

GEORGE A. PARKER.

*School Committee.*

J. NEWTON COLE, Chairman,	Term expires 1897
MRS. LIZZIE A. WILSON,	" " 1898
MISS CLARA A. PUTNAM,	" " 1898
THOMAS DAVID,	" " 1898
GEORGE D. PETTEE,	" " 1897
WILLIAM SHAW,	" " 1897
JOHN ALDEN,	" " 1896
JOHN N. COLE,	" " 1896
WILLIAM ODLIN,	" " 1896

*Superintendent of Schools.*

G. E. JOHNSON.

*Water Commissioners.*

JOHN H. FLINT, Chairman,	Term expires March, 1896
FELIX G. HAYNES, Secretary,	" " " 1897
JAMES P. BUTTERFIELD,	" " " 1898

*Waterworks Superintendent.*

JOHN E. SMITH.

*Engineers of Fire Department.*

LEWIS T. HARDY, Chief,	GEORGE D. LAWSON, Clerk.
ANDREW McTERNEN,	NATHAN E. MEARS.

*Superintendent of Streets.*

JOSEPH T. LOVEJOY. Appointed.

*Board of Health.*

HOWELL F. WILSON,	"	"	1896
ARTHUR BLISS, Chairman,	"	"	1897
CHARLES E. ABBOTT, M. D., Secretary.	Term expires		1898

*Sewer Commissioners.*

WILLIAM S. JENKINS, Chairman,	Term expires	1897
JOHN L. SMITH,	"	" 1896
JOHN E. SMITH,	"	" 1898

*Chief of Police.*

GEORGE W. MEARS. Appointed.

*Constables.*

BARNETT ROGERS,	WILLIAM L. FRYE,
JOHN H. CLINTON.	

*Trustees of Memorial Hall.*

JOSEPH A. SMART,	Term expires	1896
E. KENDALL JENKINS,	"	" 1897
GEORGE W. FOSTER,	"	" 1898
JAMES B. SMITH,	"	" 1899
C. C. CARPENTER,	"	" 1900
JOSEPH W. SMITH,	"	" 1901
FRANCIS H. JOHNSON	"	" 1902

*Trustees of Punchard Free School.*

GEORGE H. POOR,	SAMUEL H. BOUTWELL
HORACE H. TYER,	GEORGE GOULD,
GEORGE A. PARKER.	

*Auditors.*

LEWIS T. HARDY,	GEORGE A. HIGGINS,
LOUIS A. DANE.	

# Town Meetings.

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Monday, March 4th, 1895.

## WARRANT.

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors and Overseers of the Poor for three years, Board of Health, three members of the School Committee for three years, one Water Commissioner for three years, one Sewer Commissioner for three years, One Trustee of the Memorial Hall for seven years, Five Trustees of the Punchard Free School for three years, One or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question: "Shall Licenses be granted for the Sale of Intoxicating Liquors in this Town?"

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-Houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales, Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, State Aid, Military Aid, Waterworks, Interest on Bonds, Funds and Notes, State Tax, County Tax, Discount on Taxes, Abate-



ment of Taxes, Almshouse Expenses, Relief out of Almshouse, Repairs on Almshouse, and other town charges and expenses.

Article 5th. — To hear the report of Sewer Commissioners and see what sum of money the Town will appropriate for the construction of a system of sewerage, and adopt the provisions of laws relating to sewers, and sewer assessments.

Article 6th. — To see if the Town will vote to discontinue the present Superintendent of Streets and appoint three highway surveyors, on petition of John Sweeney, Jr., and others.

Article 7th. — To see if the Town will cause an incandescent light to be erected at the corner of Park Street and Punchard Avenue and appropriate a sum of money to maintain the same, on petition of T. J. Farmer and others.

Article 8th. — To see if the Town will authorize the issue of fifteen thousand dollars (\$15000) of water bonds for the purchase of a new pumping engine, on petition of the Water Commissioners.

Article 9th. — To determine the method of collecting the taxes the ensuing year.

Article 10th. — To fix the pay of the Firemen for the ensuing year.

Article 11th. — To see if the Town will revise and accept the list of names for Jurors, prepared and posted by the Selectmen.

Article 12th. — To hear and act on the Reports of the Selectmen and other Town Officers.

Article 13th. — To hear and act on the Report and Recommendations of the committee on the 250th anniversary of the incorporation of Andover.

Article 14th. — To see if the Town will appropriate a sum of money to transfer the scholars from the Holt District School to the Centre Schools, on petition of the School Committee.



Article 15th. — To see if the Town will revise and amend its By-Laws.

Article 16th. — To see if the Town will build a new School Building in the North District and appropriate a sum of money therefor, on petition of School Committee.

Article 17th. — To see what measures the Town will adopt for the better care of the public dump, and appropriate a sum of money therefor, if found necessary, on petition of Village Improvement Society.

Article 18th. — To see if the Town will appropriate a sum of money to be used to improve its land at the Railroad Station, on petition of Village Improvement Society.

Article 19. — To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes upon the approval of the Selectmen.

Article 20. — To determine the amount of money to be raised by taxation the ensuing year.

Article 21st. — To determine the disposition of unexpended appropriations.

Article 22d. — To transact any other business that may legally come before the meeting.

Took up Article 1st.

Chose George H. Poor Moderator by ballot, he receiving the only ballot cast.

*Voted*, To choose three Constables.

*Voted*, To choose three Fence Viewers.

*Voted*, To close the polls at two o'clock P. M.

*Voted*, To choose a Board of Health.

The Moderator appointed Arthur Bliss, Samuel H. Boutwell and John S. Stark, tellers to check the names of voters for Town Officers, and Barnett Rogers and George W. Herick tellers to check names and count the License Votes, and they were all duly sworn by him to the faithful performance of their duty.

Took up Articles 2 and 3.

*Voted* on the same together.

At fifteen minutes past nine the polls were opened and the meeting proceeded to ballot for Town Officers and to vote on the Liquor License question, the check lists being used on both articles.

The Standard cancelling ballot box failed to work properly and it was set aside, an open box being substituted therefor in taking the vote on the Liquor License question.

The Moderator appointed George W. Foster, John J. Sweeney, and Edward W. Burt, to count the ballots for Town Officers.

The polls were closed at 2 o'clock P.M., as previously determined.

Whole number of votes cast,	621
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Necessary to a choice where there were two or more candidates for the same office,	311
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FOR TOWN CLERK :

Abraham Marland,	618
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FOR SELECTMAN, ASSESSOR, AND OVERSEER OF POOR,—3 years :

John S. Stark,	402
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Maynard E. Clemons,	204
---------------------	-----

Felix G. Haynes,	1
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FOR TOWN TREASURER :

George A. Parker,	619
-------------------	-----

FOR COLLECTOR OF TAXES :

Abraham Marland,	620
------------------	-----

FOR SCHOOL COMMITTEE,—3 years :

Mrs. Lizzie A. Wilson,	619
------------------------	-----

Miss Clara Putnam,	618
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Thomas David,	618
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FOR WATER COMMISSIONER,—3 years :

James P. Butterfield,	616
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## FOR SEWERAGE COMMISSIONER,—3 years :

John E. Smith,	609
Charles E. Abbott,	9

## FOR BOARD OF HEALTH :

Charles E. Abbott,	356
Arthur Bliss,	355
Howell F. Wilson,	355
Samuel H. Boutwell,	1

## FOR TRUSTEE OF MEMORIAL HALL,—7 years :

Francis H. Johnson,	618
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## FOR FIVE TRUSTEES OF PUNCHARD FREE SCHOOL,—3 years :

George H. Poor,	619
Horace H. Tyer,	619
Samuel H. Boutwell,	619
George Gould,	435
George A. Parker,	604
Charles H. Gilbert,	277

## FOR THREE AUDITORS :

George A. Higgins,	618
Lewis T. Hardy,	619
Louis A. Dane,	356
Charles A. Booth,	262

## FOR THREE CONSTABLES :

Barnett Rogers,	615
William L. Frye,	358
John H. Clinton,	608
George W. Mears,	264

## FOR FENCE VIEWERS :

George Buchan,	615
Michael T. Welch,	616
William H. Carter,	616

All the foregoing officers declared elected were chosen by ballot.

And the Moderator declared Abraham Marland elected Town Clerk ; John S. Stark elected Selectman, Assessor, and

Overseer of the Poor for three years; George A. Parker elected Town Treasurer; Abraham Marland elected Collector of Taxes; Mrs. Lizzie A. Wilson, Miss Clara A. Putnam, and Thomas David, elected School Committee for three years; James P. Butterfield elected Water Commissioner for three years; John E. Smith elected Sewer Commissioner for three years; Charles E. Abbott, Arthur Bliss, and Howell F. Wilson, elected Board of Health; Francis H. Johnson elected Trustee of Memorial Hall for seven years; George H. Poor, Horace H. Tyer, Samuel H. Boutwell, George Gould, and George A. Parker, elected Trustees of Punchard Free School for three years; George A. Higgins, Lewis T. Hardy, and Louis A. Dane, elected Auditors; Barnett Rogers, William L. Frye, and John H. Clinton, elected Constables; George Buchan, Michael T. Welch, and William H. Carter, elected Fence Viewers.

The result of the vote on the Liquor License question was declared by the Moderator to be as follows:

“ Yes,” 17.      “ No,” 375.      Total, 392.

Chose Field Drivers: Samuel Thayer, Plato Eames, and Horace S. Neal.

Chose Surveyors of Lumber: Joshua H. Chandler, Charles H. Marland, George H. Coffin, Joseph F. Cole, Charles G. Hussey, Frank E. Gleason, William H. Carter, George P. Pillsbury, and Edward Hardy.

Chose Pound Keeper: Superintendent of Town Farm, and *Voted*, That the town barn and barn yard to be the pound.

Took up Article 4th.

*Voted*, To appropriate the following stated sums of money:

For Schools,	\$17,500
School-houses,	3,250
School Books and Supplies,	1,500
Highways and Bridges,	5,000
<i>Amount carried forward,</i>	<u>\$27,250.00</u>

<i>Amount brought forward,</i>	\$27,250.00
For Sidewalks (\$700 to be used for concrete under betterment act)	1,000
Removing Snow,	500
Town Officers,	5,000
Town House,	1,000
Water-works, maintenance,	4,400
Fire Department,	2,700
Horses and Drivers,	3,000
Street Lighting, (details to be left with Selectmen)	3,700
Printing and Stationery,	700
Spring Grove Cemetery, (and proceeds of sale of lots)	300
Memorial Day,	200
State Aid,	1,600
Military Aid,	300
Almshouse Expenses,	4,000
Relief out of Almshouse,	5,000
Repairs on Almshouse,	400
State Tax,	6,000
County Tax,	6,000
Abatement of Taxes,	300
Interest on Notes, Funds, and Bonds,	9,000
Insurance,	500
Hay Scales,	50
Miscellaneous,	1,500
New Schoolhouse, North District,	1,500
Public Dump, on Old Railroad \$100, at Ballard Vale \$50,	150
Improvement of land opposite R.R. Station under supervision of Village Improve- ment Society,	200
	<hr/>
	\$86,250

*Voted,* That one thousand dollars be appropriated for side-walks, seven hundred dollars of which shall be used for concrete walks under the betterment act.

*Voted*, That thirty-seven hundred dollars be appropriated for street lighting, the details of which are to be left at the descretion of the Selectmen.

Took up Article 5th.

*Voted*, That further consideration of the sewerage question be deferred until an adjourned meeting.

Took up Article 6th.

*Voted*, To indefinitely postpone the same.

Took up Article 7th.

*Voted*, To indefinitely postpone the same.

Took up Article 8th.

*Voted*, That the Treasurer of the Town be and he is hereby authorized to issue the bonds of the Town to be designated on their face as "Andover Water Loan" to the amount of fifteen thousand dollars (\$15,000) in addition to the amount heretofore issued for this purpose, the proceeds to be used to pay the expense of supplying the Town with water as authorized by law. The bonds hereby authorized to be issued shall be fifteen in number and of the denomination of one thousand dollars each, they shall be numbered from 181 to 195 both numbers inclusive, they shall bear date of June 1st, 1895, and shall mature and be paid June 1st, 1925, they shall bear interest at the rate of 4 per centum per annum, and the interest shall be paid semi-annually on the first day of June and December of each year, they shall have coupons attached to them providing for the payment of said interest at the time authorized. The interest and principal of said bonds shall be paid at some convenient bank or office in the City of Boston.

Said bonds shall be signed by the Treasurer and countersigned by the Water Commissioners as required by law in this behalf, and shall be issued from time to time as the proceeds may be required by the Water Commissioners.



They shall be sold by the Treasurer to the highest bidder therefor in proposals to be solicited by him from bankers and others.

For the purpose of paying the principal of said bonds at their maturity, a sinking fund is hereby established in accordance with the provisions of law in this behalf, and the Treasurer is hereby directed to pay into the sinking fund whatever premiums he may receive from the sale of said bonds in excess of their face value, and there shall be raised by taxation and be contributed annually to said sinking fund, such sums as shall be sufficient with the accumulations thereof to pay the principal of said bonds at their maturity, and said sinking fund shall remain inviolate and pledged to the payment of said bonds, and shall be used for no other purpose.

Took up Article 9th.

*Voted*, That taxes be collected by the same method as last year, except that a discount of 5 per cent. be allowed on all taxes paid on or before Sept. 1st, and interest to be paid on all unpaid taxes from and after Dec. 1st, as per By-Laws.

*Voted*, To reconsider the above.

*Voted*, To collect taxes as heretofore, interest to be charged as per By-Laws.

Took up Article 10th.

*Voted*, To pay firemen same as last year.

Took up Article 11th.

*Voted*, To strike the following names from the Jury List at the request of the persons: Cassius W. Buck, Ovid Chapman, John Maddox, William Miller, Terrence Riley, Peter D. Smith, George F. Swift, and to accept the List of Jurors as amended, here following:

Abbott, Allen F.  
Abbott, Almon P.  
Abbott, Warren G.  
Abbott, Edward F.

Hanson, Eugene A.  
Hardy, Fred. S.  
Haynes, Bancroft T.  
Hayward, Henry M.



Abbott, Stephen E.	Hayward, Henry A.
Anderson, James.	Jaquith, Newton, Jr.
Bowman, Charles.	Kibbee, Charles H.
Boutwell, Samuel H.	Keeland, John E.
Boynton, Henry.	Loud, Joseph H.
Burt, Edward W.	Lovejoy, Stephen A.
Billington, Charles F.	Livingston, William.
Blunt, Charles C.	Murray, John W.
Bean, Jonathan M.	Moor, J. Warren.
Bailey, Nathan R.	Moody, A. Herbert.
Boutwell, Edward W.	Moulton, Charles N.
Caldwell, Albert W.	Matthews, Thomas A.
Chandler, George W.	Newton, Charles H.
Cole, Joseph F.	Neal, Horace F.
Cummings, Brainard.	Phelps, Frank C.
Chandler, Joshua H.	Poor, Daniel H.
Caffrey, Owen F.	Riley, Lawrence F.
Claffin, John M.	Russell, Henry A.
Donald, Walter S.	Schneider, Louis H.
Daley, James E.	Sweeney, John J.
Dodson, Richard J.	Spence, James.
Dane, Louis A.	Stott, Joshua H.
Daley, Patrick.	Stark, John S.
Dear, Alexander.	Stott, Thomas E.
Davey, John.	Scott, John W.
Erving, Abbott.	Shaw, Benjamin.
Foster, Frank M.	Simpson, Allen.
Flint, Henry K.	Tucker, William H.
Flint, James S.	Tuck, M. Warren.
Goodwin, Sherman.	Wiggin, George W.
Grosvenor, James.	Weeks, John
Hardy, Elbridge G.	Ward, Wilber F.
Hoffman, Carl.	Welch, Michael T.
Holt, Ballard.	

Took up Article 12th.

*Voted*, To accept the Report of the Selectmen and other Town Officers.

Took up Article 13th.

*Voted*, To lay on table until 4.30 o'clock P. M.

Took up Article 14th.

*Voted*, To indefinitely postpone the same.

Took up Article 15th.

*Voted*, That further consideration of revision of the Town By-Laws be deferred until the adjourned meeting.

*Voted*, To take from the table Report and Recommendations of the Committee on the 250th Anniversary of the Incorporation of Andover, (Article 13th).

*Voted*, To accept the Report of the Committee and that recommendations suggested therein be adopted.

Report of the Committee on the 250th Anniversary of the Incorporation of Andover.

The Committee of Fifteen appointed by the town at the last annual meeting to formulate a plan for the proper observance of the 250th anniversary of the incorporation of Andover beg leave to report as follows : —

The members of the Committee as appointed are :

C. F. P. Bancroft,	Ballard Holt,
Joseph M. Bradley,	William Marland,
Samuel H. Boutwell,	George H. Poor,
John N. Cole,	Alfred L. Ripley,
William C. Donald,	Joseph W. Smith,
George W. Foster,	John P. Taylor,
Frederick W. Greene,	Howell F. Wilson.
George Gould,	

The first meeting of the committee was held for the purpose of organization, at the School Committee Room, March 17th, 1894. C. F. P. Bancroft was chosen chairman, and John N. Cole, secretary. The general purpose of the committee and the main features of the proposed celebration were considered and further action postponed to a subsequent meeting.

A second meeting was held Feb. 13th, 1895, and a third on Feb. 21st, 1895, and it was voted to report to the town the following recommendations :

1. That the celebration be held on Wednesday, the 6th of May, 1896, this day being the two hundred and fiftieth anniversary of the incorporation of the town by the General Court.

2. That the town of Andover invite the town of North Andover, and the citizens thereof, to participate in such way as may be convenient and agreeable to them in the celebration of the incorporation of the original township in which they have a common pride and inheritance.

3. That on the Sunday preceding the 6th of May, 1896, the ministers in the several churches in Andover and North Andover be invited and requested to preach memorial sermons to their respective congregations.

4. That Albert Poor, Esq., a lineal descendant of one of the original proprietors, and a native citizen of this ancient township be invited to deliver a commemorative historical address.

5. That Mrs. Annie Sawyer Downs be invited to prepare a poem for the occasion, and that Professor John Wesley Churchill be invited to read the same.

6. That all further details, including whatever is desirable in a civic celebration of this character and suitable to this community and to our history, such as the ringing of bells, the firing of cannon, the decoration of public and private buildings, vocal and martial music, athletic games, children's festivals, processions, invitations and hospitality, transportation, finance, historical and antiquarian collections, printing and publication, and any and all other things proper and necessary for the worthy celebration of the quarter-millennial history of this town be entrusted to the committee, appointed by the town for the purpose, to report at the next annual meeting, or at such other time as may be found convenient to the committee.

7. That the town authorize the committee to appoint sub-committees and fill vacancies.

Respectfully submitted.

For the Committee.

CECIL F. P. BANCROFT,

*Chairman.*

Andover, Mass., March 4th, 1895.

Took up Article 16th.

*Voted*, To appropriate fifteen hundred dollars (\$1500) for a new Schoolhouse in North District.

Took up Article 17th.

*Voted*, That one hundred and fifty dollars (\$150) be appropriated for the public dump, one hundred dollars (\$100) to be laid out on the dump on the old railroad, and fifty dollars (\$50) be used for a dump at Ballard Vale, the same to be expended under direction of the Board of Health.

Took up Article 18th.

*Voted*, To appropriate two hundred dollars (\$200) for improvement of town land opposite railroad station, the same to be expended in co-operation with the Village Improvement Society.

Took up Article 19th.

*Voted*, To authorize the Treasurer to hire money for the use of the Town in anticipation of taxes of the current year and payable therefrom upon approval of the Selectmen.

*Voted*, That when this meeting adjourns that it be to three weeks from today at 7.30 P.M.

Took up Article 20th.

*Voted*, To raise seventy-two thousand dollars (\$72,000) by taxation.

Took up Article 21st.

*Voted*, That all unexpended appropriations except \$182.39 balance of the new Grammar School appropriation, be return-

ed to the treasury, and that sum be used by the School Committee to defray the remaining bills on that building, and that the Committee on New Grammar School be discharged.

Took up Article 22d.

*Voted*, That a Finance Committee shall be appointed at this meeting to consist of the three Selectmen, Chairman of boards of Water Commissioners, School Committee, and Chief of the Fire Department, and ten other citizens to be appointed by the Moderator, they to consider town matters and make recommendations for 1896, same to be printed in next annual report.

The Moderator appointed the following persons as the Committee of Citizens to act with the Selectmen and others:

John W. Bell,	John J. Sweeney,
J. Warren Berry,	Felix G. Haynes,
Joseph M. Bradley,	George W. Foster.
John N. Cole,	John L. Smith,
Joseph A. Smart,	William Marland.

*Voted*, That Punchard School Building be used for no purposes other than those immediately connected with the School, and for educational purposes.

The meeting adjourned at five o'clock P. M.

Attest :

ABRAHAM MARLAND,

*Town Clerk.*

## Adjourned Meeting, March 20th, 1895.

The meeting opened at 7.30 P. M.

The Moderator declared the vote by which a Board of Health was chosen, void, for noncompliance with the Statute of 1894, and it was

*Voted*, To proceed to choice of Board of Health.

A ballot was taken, the check list being used, the polls were closed at forty minutes past seven o'clock, and the vote was declared by the Moderator.

Charles E. Abbott, for three years,	5
-------------------------------------	---

Arthur Bliss, for two years,	5
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Howell F. Wilson, for one year,	5
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and they were declared elected.

*Voted*, To proceed to consider the By-Laws.

The following is a copy of the By-Laws as amended.

## ARTICLE I.

## OF TOWN MEETINGS AND RULES FOR THE GOVERNMENT THEREOF.

SECTION 1. The annual Town Meeting for the election of Town Officers, and for other purposes, shall be held on the first Monday of March.

SECT. 2. The warrants for all Town Meetings shall be directed to either of the Constables of the Town, and meetings shall be notified by posting attested copies of the warrant on the Town house, on each school-house, and in not less than five other public places where bills and notices are usually posted, two Sundays *at least* before the day of meeting.

SECT. 3 The Town Officers, which are required by law to be chosen by ballot, and their respective terms of office, shall be designated in the warrant for the Annual Meeting.

SECT. 4. At the Annual Meeting, after the choice of Moderator, the polls shall remain open for the choice of officers at least four hours. At any election, after the balloting has begun, no vote fixing the time for closing the polls shall be reconsidered, except for the purpose of extending such time.

SECT. 5. When a question is under debate, no motion shall be received, but, to adjourn the meeting, to lay on the table, to commit or amend, to refer or to postpone to a day certain, or to postpone indefinitely, which several motions shall have precedence in the order in which they are named.



SECT. 6. Upon taking the question, if the decision of the Moderator is doubted, or a division of the house called for, the Moderator shall request all persons in the house to be seated, and may appoint Tellers. The question shall then be distinctly stated, and those voting in the affirmative and negative respectively, shall be requested to rise and stand in their places until they are counted by the Moderator, or the Tellers, if any; and no person shall be counted who does not comply with the request to occupy a seat.

SECT. 7. No vote shall be reconsidered at the same meeting, except upon a motion made within one hour of the adoption of such vote, unless ordered by two-thirds of the voters present and voting thereon.

SECT. 8. The proceedings of the town meeting, not otherwise provided for in these by-laws, shall be governed by the general rules of parliamentary law.

## ARTICLE II.

### OF CERTAIN POWERS AND DUTIES OF TOWN OFFICERS NOT PRESCRIBED BY THE STATUTES.

SECTION 1. The Selectmen have full authority as agents of the Town, to institute and prosecute suits in the name of the Town, and to appear and defend suits brought against it, unless it is otherwise specially ordered by a vote of the Town.

SECT. 2. Whenever it shall be necessary to execute any deed, or any other instrument required to carry into effect any vote of the Town, the same shall be executed by the Selectmen, or a majority of them, in the name and behalf of the Town, unless the Town shall otherwise vote in any special case.

SECT. 3. The Selectmen shall annually appoint five or more Police Officers, pursuant to the law of the Commonwealth,—one of whom they shall designate as Chief of Police, who shall have the general supervision and direction of the police force of the town, when on duty,—who, in addition to their other duties required by the laws of the Commonwealth, shall make complaints and carry into execution any judgments for violations of these By-Laws, excepting those relating to truancy. The compensation of such Police Officers shall be fixed by the Selectmen.

SECT. 4. The Selectmen shall annually, at least four days before the Annual Meeting, cause to be distributed among the tax-payers of the town a detailed Report, in print, of all moneys received into and paid out of the Town Treasury during the preceding financial year, which report shall be examined and approved by the Auditors before it is printed. They shall also publish with said Report such information and recommendations as they may deem proper; with detailed estimates of the amounts of money which will be required for the current financial year. The



Reports of the Treasurer's and Collector's Accounts shall also be printed annually with the Selectmen's Report. Each decennial valuation of estates made by the Assessors, or an abstract thereof, shall be printed and distributed in pamphlet form within six months after the same shall be made.

SECT. 5. It shall be the duty of the Town Clerk to keep a book of Records, with an index thereto, for the purpose of recording the location of all highways and town ways within the town.

SECT. 6. The School Committee shall print and distribute their Annual Report before the thirtieth day of April in each year.

SECT. 7. There shall be chosen at the Annual Meeting, three Auditors of Accounts, who shall audit the accounts of the Selectmen, Treasurer, and Collector, Trustees of Punchard School, Trustees of Memorial Hall, and Cemetery Committee; and all other Town Officers and Trustees and for this purpose they may have access to, and examine all accounts kept by the Selectmen, School Committee, Road Commissioners, Engineers of the Fire Department, and all other Town Officers and Trustees of Funds held for the benefit of the town.

### ARTICLE III.

#### FINANCIAL REGULATIONS.

SECTION 1. The financial year shall begin with the second Monday of January in each year.

SECT. 2. No money shall be paid from the treasury of the town unless the bill or order for the payment to be made shall be approved by a majority of the Selectmen.

SECT. 3. The assessment of taxes shall be completed, and the tax-list and warrant shall be delivered to the Collector, on or before the fifth day of August in each year.

SECT. 4. All taxes assessed in each year shall be paid on or before the first day of November in the same year; and on all such taxes as shall not be paid on or before said first day of November, interest shall be charged, at a rate to be fixed annually by a vote of the Town, pursuant to the Statutes of the Commonwealth. The Collector shall use all the means and processes provided by law for the collection of all taxes remaining unpaid after the first day of December in each year. Bills for poll-taxes only shall be payable on demand.

SECT. 5. The Collector shall cause to be printed upon the tax-bills the foregoing By-law, with the rate of interest on unpaid taxes fixed by a vote of the Town with the rate of discount, if any, for early payment.

SECT. 6. The compensation of the Collector of Taxes shall be fixed annually by the town ; and he shall pay over to the Treasurer all moneys received by him for taxes as soon as collected ; and he shall pay over to the Treasurer the amount of all taxes collected by him, on or before the expiration of his term of office.

SECT. 7. All money deposited with the Town Treasurer for the preservation and care of burial lots under the provisions of Sect. 17, Chap. 82, of the Public Statutes shall be deposited in Savings Banks in the name of the Town Treasurer of Andover, in trust, for the care of the lot designated by the depositor, and the annual income shall be drawn by the Treasurer and be paid out for the care and preservation of the lot so designated.

## ARTICLE IV.

### TRUANCY.

The Town of Andover hereby avails itself of the several provisions of the Statutes of this Commonwealth now in force, relating to habitual truants and absentees from school.

## ARTICLE V.

### POLICE REGULATIONS.

SECTION. 1. The Selectmen, before granting a written permission to move a building in any public street or way in the town under the statutes, shall ascertain if the destruction or injury of any shade or ornamental tree, shrub or any fixture of ornament or utility, standing in a street, way, or enclosure adjoining the same, will be caused thereby ; and if in such case in the opinion of the Selectmen, such permission should be granted, they may require the person applying to give satisfactory security to any person owning such trees, shrubs or fixtures, to indemnify him for any damage caused as aforesaid, before giving such permission.

SECT. 2. No person shall pasture any cattle, goats, or other animals, either with or without a keeper, upon any street or way in the town, provided that nothing herein contained shall affect the right of a person to the use of the land within the limits of a street or way adjoining his own premises.

SECT. 3. No person shall at any time without the permission of the Selectmen, discharge any firearms, cannon, or swivel in any street or way, near any vehicle passing thereon, or any dwelling-house, except in performance of some legal duty.

SECT. 4. No person shall behave in any indecent or disorderly manner, or use profane, indecent, or insulting language, in any public place, or on any sidewalk or street in the town, to the annoyance or disturbance of any other person there being, or passing in a peaceable

manner, or by any noise, gesture, or other means wantonly and designedly frighten any horse in any street or other public place in the town.

SECT. 5. No person shall continue to stand or remain alone or with others near, on any sidewalk or in any public place, in such a manner as to obstruct a free passage for travellers thereon, after having been requested by a Constable or Police Officer to move on.

SECT. 6. No person shall affix with paste or by any other means, any bill, placard, or notice, or shall write any figures, words or devices, to or upon a building, wall or fence in the town, where the owner or occupant shall have posted a notice forbidding the same.

SECT. 7. No person shall drive, wheel or draw any coach, cart, wheelbarrow, handcart, velocipede, bicycle, or any carriage of burden or pleasure (excepting children's carriages, drawn by hand) upon any sidewalk in the town, or permit any horse, cattle, swine, or sheep under his or her care, to go upon any sidewalk in town.

SECT. 8. No person shall put, place, or pile, wood, lumber, stones, or other materials within the limits of any public street or way within the town, without written permission of the Selectmen.

SECT. 9. No person shall sprinkle, scatter, or put upon any sidewalk, crossing, or street, or upon the rails, switches, or other appliances of a street railway in any street, any salt or mixture of salt, except in accordance with a permit from the Selectmen.

SECT. 10. No person shall make any bonfire or other fire, or kick foot-ball, or play at any game in which a ball is used, or fly a kite or balloon, or throw stones or snowballs, or other missiles, in any public street or way in the town.

SECT. 11. No person shall bathe or swim in any public or exposed place in this town.

SECT. 12. No person shall coast or slide on any sled or other like vehicle in or upon and public street or way in the town. But the Selectmen in their discretion may by public notice designate any streets or ways where coasting may be permitted for a period to be designated in such notice.

SECT. 13. The Selectmen may grant a written license to any person to occupy or obstruct a sidewalk for a limited time for the more convenient erection, alteration, or repair of a building, and they shall require the person to whom such license is given to furnish a satisfactory bond to the Town to hold it harmless from all claims for loss or damage arising from such occupancy or obstruction. Whenever any sidewalk becomes obstructed under such license, the person doing the work or causing the same to be done shall place a good and convenient temporary walk

around such obstructions when ordered to do so by the Selectmen or person or board having charge of the public streets.

SECT. 14. No person shall be allowed to throw posters, hand-bills, flyers, advertising sheets, waste or rubbish in the public streets or ways, nor place any poster, tin tag, or other device on any building, fence, bill board, bridge, or pole standing within the limits of a street without the written permission of the Selectmen.

SECT. 15. All penalties and forfeitures recovered for breach of any of these By-laws shall be paid into the town treasury for the use of the Town.

SECT. 16. Every violation of any of the foregoing By-laws shall be punished by a fine of not less than two nor more than twenty dollars.

## ARTICLE VI.

SECTION 1. These By-laws may be amended at any Annual Town Meeting; an article or articles for that purpose having been inserted in the warrant for such meeting.

SECT. 2. These By-laws shall take effect on their approval by the Superior Court, or a Justice thereof, and all By-laws heretofore adopted by the Town are hereby repealed on the date of such approval.

A True Copy — Attest:

ABRAHAM MARLAND,  
TOWN CLERK.

The foregoing By-laws are approved.

CHARLES S. LILLEY,  
JUSTICE SUPERIOR COURT.

The subject of Sewerage was then taken up, and it was

*Voted*, That the Town by its Sewer Commissioners petition the General Court for authority to establish a system of sewerage with an outlet therefore through North Andover and Lawrence into the Merrimack River; for authority to issue bonds for construction of its system of sewerage in excess of the limit of municipal indebtedness; for authority to apportion sewer assessments over a term of years and to do all other acts necessary or convenient to the introduction of sewerage in said Town of Andover.

*Voted*, That five hundred dollars be raised and appropriated for the use of the Sewer Commissioners in further investigating the matter of sewerage.

*Voted*, That all provisions of law relating to sewerage which may be adopted by vote of towns be and they are hereby adopted.

*Voted*, That the Moderator appoint a Committee of three to have charge of building of Schoolhouse in the North District.

The Moderator appointed John N. Cole, Samuel H. Boutwell, and Albert A. Hardy, as that committee.

*Voted*, That the meeting be dissolved.

The foregoing is a true copy of the doings of the adjournment meeting.

Attest,

ABRAHAM MARLAND,

*Town Clerk.*

# Selectmen's Account.

## SCHOOLS.

Appropriation, March 4th,	\$17,500 00
W. A. Baldwin, Superintendent,	\$639 36
G. E. Johnson, Superintendent,	513 15
S. M. Wilbur, teaching,	331 59
Clara A. Putnam, teaching,	244 00
F. W. Meldrum, teaching,	424 84
Annie E. Chase, teaching,	423 17
E. A. McLawlin, teaching,	494 17
C. B. Dean, teaching,	424 84
L. A. Roach, teaching,	413 10
A. O. S. Clemons, teaching,	413 06
J. S. Abbott, teaching,	424 84
L. F. Farnum, teaching,	423 17
M. C. Donovan, teaching,	473 13
J. B. F. Greene, teaching,	424 84
J. A. Birnie, teaching,	424 84
M. D. McLeod, teaching,	424 84
S. N. Molther, teaching,	500 08
C. A. Deane, teaching,	419 81
Susie G. Meldrum, teaching,	381 03
M. F. Brown, teaching,	424 84
R. S. Copeland, teaching,	424 84
F. I. Abbott, teaching,	421 18
L. A. Abbott, teaching,	474 06
F. D. Hayes, teaching,	241 96
H. W. Battles, teaching,	424 84
<i>Amount carried forward,</i>	<u>\$11629 58</u>



Appropriation, \$17,500 00

*Amount brought forward,* \$11629 58

Mary Munroe, teaching,	356 68
I. G. Goldthwait, teaching,	217 81
Mabel Vinton, teaching,	107 32
L. R. Edmons, teaching,	162 00
Gertrude E. Holt, teaching,	342 00
Annie Boutwell, teaching,	188 32
Myra L. Burbeck, teaching,	207 00
Emilie B. Stefan, teaching,	193 87
Edward Butterworth, teaching,	241 96
D. M. Farnum, teaching,	210 75
Emma Batchelder, teaching,	99 00
M. Pfaffmann, teaching,	90 00
Mabel F. Fuller, teaching,	80 00
C. N. Lane, teaching,	355 20
S. W. Monroe, teaching,	85 95
F. Chandler, teaching,	135 00
Gertrude Burt, teaching,	135 00
G. L. Dyke, teaching,	131 40
E. Demorest, teaching,	375 00
E. Rolb, teaching,	81 00
Ida J. Holt, teaching,	3 35
Grace L. Burt, teaching,	45 00
E. M. Dearborn, teaching,	42 08
A. A. Richardson, teaching,	22 29
Mrs. Hellen Higgins, teaching,	28 38
Abbott Erving, janitor,	572 66
James Scott, janitor,	230 25
Orrell Ashton, janitor,	228 00
C. A. Craig, janitor,	87 50
F. H. Hardy, janitor,	15 00
Alma Bourdelais, janitor,	13 50
Fred J. Noyes, janitor,	22 00
Fred Hanson, janitor,	22 00
Newton & Flint, janitors,	22 00

*Amount carried forward,* \$16778 85



Appropriation,	\$17,500 00
<i>Amount brought forward,</i>	\$16,778 85
Egar McIntire, janitor,	30 00
Albert Flint, janitor,	14 00
C. A. Hardy, janitor and labor,	41 08
Clodia Bourdelais, janitor,	5 50
Leon G. Flint, janitor and preparing wood,	10 00
Mattie Bourdelais, janitor,	7 50
Edward F. Bailey, janitor,	8 00
Edward McGovern, janitor,	12 00
Frank E. Gleason, coal,	1377 16
A. A. Hardy, wood,	13 50
John B. Abbott, wood,	48 30
James S. Flint, wood,	27 50
W. H. Tucker, wood,	27 25
H. K. Flint, wood,	20 50
George F. Baker, wood,	14 00
Samuel Cheever, wood,	6 07
James Toye, wood,	5 50
Daniel Fitzpatrick, wood and labor,	13 50
August Palm, wood,	11 00
Albert J. Doyle, preparing wood,	1 50
George E. Flint, preparing wood,	3 50
C. L. Bailey, preparing wood,	6 75
B. K. Fitzpatrick, preparing wood,	2 00
Reuben Webb, preparing wood,	1 50
A. F. Saunders, labor,	5 00
Minnie W. Schuyler,	2 00
Elmer S. Curtiss, car fare,	1 74
Total expenditure,	<hr/> \$17495 20
Balance unexpended,	<hr/> <hr/> \$4 80

## SCHOOL-HOUSES.

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Appropriation, March 4th,		\$3250 00
A. A. Hardy, labor,	\$ 2 25	
Frank H. Hardy, repairs,	1 85	
T. A. Holt & Co., supplies,	2 75	
Albany Venetian Blind Co., blinds,	137 92	
H. P. Noyes, supplies,	45 35	
Bussey Bros., supplies,	3 00	
Brown's Express,	9 21	
H. F. Chase, supplies,	2 25	
Peabody, Whitney & Co., supplies,	25 20	
E. C. Pike, supplies and repairs,	29 72	
F. G. Haynes & Co., supplies,	8 20	
United States School Furniture Co., furniture,	382 02	
A. M. Caldwell, supplies,	26 39	
Briggs & Allyn M'f'g Co., mouldings,	24 00	
Chandler Adjustable Chair and Desk Co., supplies,	6 90	
Wm. C. Edwards, repairs and labor,	50 00	
Merrill & Cutler, professional services,	50 00	
George Saunders, supplies,	6 30	
Brainard Cummings, repairs,	84 27	
J. E. Remick, repairs,	4 00	
Hardy & Cole, repairs,	438 73	
W. H. Carter, labor,	4 00	
Joseph Gorst, labor,	7 00	
G. B. Smart & Co., labor and stock,	6 65	
<i>Amount carried forward,</i>	<u>\$1357 96</u>	

Appropriation, March 5th,		\$3250 00
<i>Amount brought forward,</i>	\$1357 96	
John S. Dearborn, repairs,	10 85	
H. F. Rutter & Co., boiler and labor,	1006 25	
C. A. Craig, labor,	4 95	
C. L. Bailey, repairs,	3 75	
C. A. Hardy, repairs,	2 10	
H. McLawlin, supplies,	61 30	
Andover Village Improvement Society,	13 25	
American Express Co.,	3 10	
Myra L. Burbeck, curtains,	25	
J. E. Whiting, repairing clocks,	1 50	
John E. Smith, engineering,	6 00	
M. T. Walsh, repairs,	49 82	
George Mander, labor,	2 00	
George W. Chandler, grading,	477 60	
D. Donovan & Son, painting and stock,	30 46	
J. E. Holt, trees,	3 00	
Joshua H. Chandler, labor,	5 30	
C. C. Holt, pump and repairs,	33 50	
Charles H. Newton, building fence and repairs,	16 30	
Abiel F. Saunders, labor,	2 50	
J. H. Blunt, labor,	24 00	
George W. Horn, repairs,	14 61	
Abbott Erving, repairs,	114 97	
George E. Flint, repairing glass,	80	
Mary F. Waldo, labor,	1 00	
Mrs. Maria Stewart, labor,	1 63	
Total expenditure,	—————	\$3248 75
Balance unexpended,		<u><u>\$1 25</u></u>

## NEW NORTH SCHOOL.

Appropriation,		\$1500 00
Hardy & Cole,	\$1420 36	
E. C. Pike,	75 00	
Total expenditure,	<hr/>	1495 36
Balance unexpended,		<hr/> <hr/> \$4 64

## GRAMMAR SCHOOL.

Appropriation,		\$182 39
W. C. Edwards,		180 00
Balance unexpended,		<hr/> <hr/> \$2 39

## SCHOOL-BOOKS AND SUPPLIES.

Appropriation, March 4th,		\$1500 00
Silver, Burdett & Co.,	70 35	
Arthur Bliss,	1 95	
J. L. Hammett,	334 45	
Ginn & Co.,	283 98	
Houghton, Mifflin & Co.,	35 62	
Public School Publishing Co.,	1 55	
Boston School Supply Co.,	1 20	
Laura F. Farnham,	63	
D. C. Heath & Co.,	24 60	
American Book Co.,	100 01	
F. F. Murdock,	2 25	
Willard Small,	5 29	
W. C. Schaefer,	3 30	
John N. Cole,	268 17	
Lee & Sheppard,	28 00	
American Express Co.,	8 85	
Andover Press,	18 70	
W. H. Baldwin,	5 05	
University Publishing Co.,	36 58	
Leach, Shewell & Sanborn,	42 02	
Lothrop Publishing Co.,	5 00	
Prang Educational Co.,	52 79	
Comstock Publishing Co.,	4 00	
Brown's Express,	6 50	
Educational Publishing Co.,	63	
Chandler Adjustable Chair and Desk Co.,	98 50	
Werner Co.,	1 20	
F. G. Haynes & Co.,	3 16	
Brainard Cummings,	3 92	
Central School Supply House,	30 00	
Tuttle Express,	6 25	
J. & I. E. Moore,	3 00	
J. E. Johnson,	3 80	
Greenwood School Supply Co.,	1 44	
Boston & Maine R. R.,	1 14	
Total expenditure,	————	\$1493 88
Balance unexpended,		<u>\$6 12</u>

# Highways and Bridges.

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Appropriation, March 5th,		\$5000 00
E. Pike, supplies,	\$ 1 50	
Harry Abbott, labor,	31 00	
American Road Machine Co., scraper,	200 00	
Herbert F. Chase, guide board,	3 85	
Herbert F. Chase, filing saws,	50	
R. M. McLaughlin, sawing lumber,	13 45	
Hardy & Cole, teams,	14 80	
A. Blood, repairs on engine and scraper,	49 28	
A. J. Wellington, supplies,	13 76	
N. R. Bailey, labor,	5 50	
Anderson & Bowman, tools and repairs,	24 20	
Brainard Cummings, fence,	5 20	
Hardy & Cole, timber for fence,	204 66	
W. Lovejoy, labor on culvert,	2 00	
E. W. Foster, posts,	110 00	
S. G. Bailey, mowing bushes,	5 83	
A. W. Caldwell, paint,	4 95	
J. J. Abbott, stone,	21 80	
Stephen E. Abbott, labor,	49 50	
E. W. Bigelow, oil,	7 25	
Treat Hardware Co., supplies and pipe,	23 37	
Burnham & Page, belts,	10 58	
George Blood, labor,	17 60	
Fred Byron, zinc,	5 40	
Joseph Russell, labor and stone work,	5 25	
Joshua Chandler, mowing bushes, etc.,	9 33	
John S. Dearborn, labor,	1 00	
<i>Amount carried forward,</i>	<u>\$841 56</u>	

Appropriation, March 4th, \$5000 00

<i>Amount brought forward,</i>	\$ 841 56
Taylor Iron and steel company, concaves,	50 04
J. W. Mooar, painting signs and stone,	6 44
William McCallum, gravel,	10 72
Concord Foundry Co., grates,	14 75
Boston & Maine Railroad, freight,	4 09
American Express Company,	3 25
Thomas P. Harriman, repairs and tools,	15 95
Charles F. Mayer & Son, repairs	4 65
Joseph Bourdelais, labor,	153 42
W. H. Tucker, labor,	189 55
John McCarthy, stone work,	37 00
Burns Nickerson, labor,	10 50
James Grieves, mowing bushes,	18 83
Almon Abbott, mowing bushes,	63 38
C. N. Moulton, labor,	28 16
William Livingston, gravel,	14 32
Edward Moulton, gravel and labor,	8 40
Albert Bancroft, stone work,	19 36
A. M. Davis, stone work	15 50
John Sweeney, stone work and team,	39 08
Dennis Sweeney, repairs,	4 00
F. G. Haynes & Co., tools,	2 77
John Conoly, labor,	86 13
C. E. Knowlton, labor,	1 00
Thomas Horan, labor,	36 37
A. Bryant & Son, hammers,	4 25
Reuben Webb, labor,	53 25
Edward McCabe, iron work,	21 79
George Morgan, labor,	36 00
Nelson Hibbard, labor,	36 00
George Ward, labor,	29 00
A. B. Cutler, stone,	15 44
Almon Moody, stone,	3 50
Locke & Jones, stone,	22 50
<i>Amount carried forward,</i>	<u>\$1900 95</u>



Appropriation, March 4th,	\$500 00
<i>Amount brought forward,</i>	\$1900 95
Samuel Smith, repairs,	3 75
Daniel Sullivan, labor,	7 00
Tuttle's Express,	7 50
Patrick Clark, labor,	4 50
James O. Carter, cutting timber,	36 75
Frank McCluskar, labor,	262 24
Thomas Higgins, labor,	138 44
C. W. Livingston, labor,	10 50
Hugh Malcomb, labor,	118 41
John Clinton, labor,	215 56
Patrick Hartnett, labor,	253 25
Timothy Madden, labor,	129 89
William Leary, labor,	251 80
Patrick Conway, labor,	114 75
Thomas Lawrence, labor,	16 50
Hiram Carter, labor,	59 11
Daniel Harrington, labor,	36 50
Sevitt Peterson, labor,	22 50
C. Cronan, labor,	7 00
T. C. Sullivan, labor,	239 56
P. Marooney, labor,	6 67
T. H. Lord, labor,	91 36
S. A. Lovejoy, labor,	24 50
J. Cronan, labor,	7 50
John Scofield, labor,	1 75
Joseph T. Lovejoy, superintendent,	525 00
John O'Brien, labor,	16 14
M. Leary, labor,	65 00
William McKenzie, labor,	44 33
E. Moulton, labor,	35 00
William Nickerson; labor,	13 67
John Haggerty, labor,	340 47
Henry McLawlin, tools and supplies,	73 02
M. Stack, labor,	60 25
<i>Amount carried forward,</i>	\$5141 12

Appropriation, March 4th,		\$5000 00
<i>Amount brought forward,</i>	\$5141 12	
John Leary, labor,	77 38	
Herbert Whitten, labor,	263 50	
Thomas O'Brien, labor,	38 00	
Jerry Leary, labor,	37 00	
Town Farm Team, labor,	39 50	
John Madden, labor,	36 94	
Patrick Lynch, labor,	16 61	
Patrick McMullen, labor,	104 22	
James Ronan, labor,	79 50	
Alvin Lovejoy, labor,	41 42	
Victor Engleholme, labor,	153 08	
Total expenditure,	—————	\$6028 27
Overdrawn,		<u>\$1028 27</u>

## STATE HIGHWAY.

Albert Bancroft, stone work,	\$41 53
John Leary, labor,	9 14
William Leary, labor,	61 84
Frank McCluskar, labor,	50 75
Fred Davis, stone work,	26 33
John Sweeney, stone work,	26 00
Daniel Sweeney, stone work,	26 00
Joseph Soutar, labor,	5 00
Mooar & McCollom, gravel,	28 96
Locke & Jones, stone,	39 00
Dennis Sweeney, labor,	48
American Road Machine, repairs,	59 00
Osgood & Co., scales,	32 40
Charles Woodburn, engine man,	155 33
Joseph Bateman, labor,	8 14
Boston & Maine Railroad, freight,	3 48
Hardy & Cole, labor and lumber,	33 32
<i>Amount carried forward,</i>	<u>\$606 70</u>

<i>Amount brought forward,</i>	\$606 70
E. C. Pike, use of pump,	4 57
Young's Express,	1 50
K. Bradley Co., oil,	15 50
George Mander, labor,	13 16
Con Cronin, labor,	41 33
Nelson Hibbard, labor and stone,	126 00
John D. Driscoll, paving,	22 39
George W. Chandler, labor,	33 13
George W. Chandler, coal,	45 42
C. N. L. Stone, stone,	3 04
R. Dodson, stone,	40
E. N. Matthews, stone,	80
Joseph T. Lovejoy, stone,	2 98
John L. Noyes, wood,	7 50
William Raymond, labor,	4 80
John Madden, labor,	173 64
Timothy Madden, labor,	174 99
Thomas Higgins, labor,	139 81
Victor Engleholme, labor,	163 51
Hugh Malcolm, labor,	118 24
Patrick Hartnett, labor,	75 53
E. Lawrence, labor,	36 75
Town Farm Team, labor,	172 00
Herbert Whitten, labor,	191 50
Patrick McMullen, labor,	46 86
William McKenzie, labor,	25 65
William Ronan, labor,	134 67
M. Stack, labor,	168 00
Jerry Leary, labor,	60 00
John Higgins, labor,	2 36
Patrick Lynch, labor,	25 16
Patrick Lynch, labor,	99 36
D. McIntosh, labor,	3 97
William Connor, labor,	15 75
John O'Brien, labor,	129 20
<i>Amount carried forward,</i>	<hr/> \$2886 17

<i>Amount brought forward,</i>	\$2886 17	
Sevitt Peterson, labor,	6 83	
Alvin Lovejoy, labor,	44 33	
Dan Harrington, labor,	61 50	
John Chulon, labor,	174 10	
James Ronan, labor,	57 10	
James Ronan, 2d, labor,	34 62	
T. C. Sullivan, labor,	63 58	
J. Bourdelais and son, labor,	271 53	
George Ward, labor,	185 00	
M. Leary, labor,	223 33	
Hiram Carter, labor,	95 46	
Thomas O'Brien; labor,	156 50	
Charles Hussey, labor,	43 33	
Charles Robinson, labor,	58 82	
George Morgan, labor,	109 50	
A. W- Baker, wood,	20 00	
Treat Hardware Co., waste,	1 92	
J. H. Horne & Sons Co., labor,	2 20	
Massachusetts Broken Stone Co.,	1701 24	
Frank E. Gleason, wood and coal,	11 25	
Stephen Blaney,	10 88	
John McCarthy, stone work,	16 50	
Edward Mooar,	22 83	
Dan Sullivan, labor,	24 17	
George Worcester, labor,	7 50	
Edward S. Moulton, labor,	10 00	
George Pillsbury, wood,	30 00	
Henry McLawlin, supplies,	22 13	
Michael O'Connor, paving,	13 75	
W. H. Tucker, stone,	5 60	
J. J. Abbott, stone,	35 20	
James Grieves, labor,	92 50	
Goldsmith & McCallum, gravel,	23 52	
B. Cummings, square.	50	
	<hr/>	\$6523 39
Received from State Treasurer,	\$6338 63	
Miscellaneous to balance,	184 76	
	<hr/>	<u>\$6523 39</u>

## REMOVING SNOW.

Appropriation, March 4th,		\$500 00
Hardy & Cole, labor,	\$ 3 00	
Frank McCluskar, labor,	59 90	
James O. Carter, labor,	80 39	
Patrick Hartnett, labor,	4 28	
William Leary, labor,	9 69	
James Haggerty, labor,	69	
George Chandler, labor,	6 00	
Michael Stack, labor,	12 50	
Charles P. Rea, labor,	8 00	
James Anderson, labor,	1 50	
S. A. Lovejoy, labor,	11 50	
John Noyes, labor,	5 00	
L. G. Buck, labor,	6 75	
John Haggerty, labor,	97 99	
William H. Tucker, labor,	33 90	
James J. Abbott, labor,	27 71	
J. T. Lovejoy, Supt., salary,	225 00	
Timothy Sullivan, labor,	9 73	
T. H. Lord, labor,	1 75	
C. Cheever, labor,	1 70	
W. J. Reed, labor,	1 50	
Arthur O'Connell, labor,	3 31	
John Donovan, labor,	3 31	
George Carter, labor,	3 00	
William Clark, labor,	3 50	
Robert Watson, labor,	1 17	
Benjamin Lovejoy, labor,	1 75	
Michael Dugan, labor,	1 83	
John Leary, labor,	3 89	
Frank Cunningham, labor,	9 83	
Lewis Schneider, labor,	1 50	
T. F. Higgins, labor,	6 42	
George Hatch, labor,	6 00	

*Amount carried forward,*

\$653 99

Appropriation, March 4th,		\$500 00
<i>Amount brought forward,</i>	\$653 99	
David Long, labor,	5 50	
John Maddox, labor,	6 00	
James Saunders, labor,	83	
C. C. Blunt, labor,	63 68	
Brinton Baker, labor,	3 30	
J. H. Baker, labor,	1 80	
Patrick Murphy, labor,	5 28	
Daniel Murphy, labor,	4 33	
George Dane, labor,	1 83	
Samuel H. Boutwell, labor,	7 00	
W. H. Carter, labor,	76 17	
Daniel Fitzpatrick, labor,	19 55	
George Goldsmith, labor,	7 66	
Paul Baum, labor,	1 75	
James Crowley, labor,	1 92	
Jerry O'Brien, labor,	2 80	
E. W. Burt, labor,	26 55	
Patrick Conway, labor,	5 00	
C. C. Stickney, labor,	21 50	
J. Warren Mooar, labor,	2 50	
John B. Jenkins, labor,	7 50	
James Olroyd, labor,	1 17	
Phillip Caffrey, labor,	1 75	
Mrs. Harriet Buck, labor,	4 00	
John H. Clinton, labor,	4 67	
Stephen Corthell, labor,	2 17	
Edward Riley, labor,	2 33	
William O'Donnell, labor,	2 17	
Hugh F. O'Donnell, labor,	1 50	
James McCone, labor,	1 50	
Dennis Murrane, labor,	1 33	
Thomas Lawrence, labor,	3 63	
Hardy Brothers, labor,	18 00	
Joseph Gorst, labor,	2 17	
<i>Amount carried forward,</i>	<u>\$972 83</u>	



Appropriation, March 4th,		\$500 00
<i>Amount brought forward,</i>	\$972 83	
Jabez Wardman, labor,	2 17	
Henry Bourdelais, labor,	4 67	
L. Dubord, labor,	3 17	
Frank Fenleson, labor,	1 67	
W. Shaw, labor,	1 67	
Augustus Upton, labor,	2 41	
Joseph Bourdelais, labor,	41 00	
B. F. Smith, labor,	23 84	
H. E. Gould, labor,	40 50	
Nathan R. Bailey, labor,	14 55	
Joshua H. Chandler, labor,	19 23	
E. S. Hardy, labor,	11 00	
S. H. Bailey, labor,	9 66	
Charles A. Jameson, labor,	6 67	
S. Gilman Bailey, labor,	1 33	
Daniel Sweeney, labor,	3 33	
Michael Feeney, labor,	4 20	
John Sweeney, labor,	4 50	
Mrs. J. J. Downing, labor,	6 00	
Total expenditure,	————	\$1179 40
Overdrawn,		<u>\$679 40</u>

## SIDEWALKS.

Appropriation, March 5th,	\$ 1000 00
C. Goldsmith,	\$ 1 00
John Haggerty, labor,	42 00
Charles Stickney, labor,	7 50
Thomas Lawrence,	18 00
Con. Calahan,	4 41
Duffie Concrete Co., concreting,	1235 40
Francis A. Flint, curb stones,	82 50
Duffie Concrete Co.,	100 72
Joseph T. Lovejoy, salary,	75 00
Total expenditure,	————— \$1566 53
Re-embursed by abutters,	532 08
Overdrawn,	<u><u>\$34 45</u></u>

## REPORT OF THE SUPERINTENDENT OF STREETS.

*To the Selectmen of the Town of Andover :*

GENTLEMEN : I herewith present my sixth annual report on Highways and Bridges.

Work was begun on highways April 2, on Central Street near the Episcopal Church. This was macadamized twenty-two feet in width and three hundred feet in length going east. Our next work was on School Street. This we macadamized from Central Street to just past Locke Street, one thousand and thirty feet in length. Ten hundred twenty-three feet have been macadamized on Union Street, beginning at the Lawrence line. This macadam was put on fourteen feet wide, the same as on the state road.

Four hundred feet of Tellford road have been built on the Old Railroad, near the pit known as the slaughter house pit. Two hundred feet of Tellford road have been built on the road leading from Frye Village to North Andover, between the houses of Mr. Mander and Richard Dodson. Four hundred feet of Tellford road have been made between Deacon Smith's

and the corner at Buchan's, and one hundred feet have been built west of Deacon Smith's farm, known as the Chandler farm. Also about four hundred feet of the same kind of road have been made on the Old Turnpike near the Elijah Buxton place.

The road has been repaired with gravel, beginning at the end of the electric road, where needed between there and Frye Village. Pearson Street has been re-surfaced and the sidewalk repaired the entire length. Cuba Street has also been re-surfaced. The sidewalks have been repaired from Cuba Street up past the house of Deacon Peter Smith.

The road leading from Charles Shattuck's to Timothy Sullivan's has been gravelled. Then going back to Lowell Street, the road has been gravelled from Horatio Barnard's nearly to the house of Isaac Carruth, and Telford road has been built from Bellevue Grove to Haggett's Pond Depot. Slight repairs have been made in the hollow beyond the Follansbee place, and on cross roads leading past the house of Charles Moulton; also on the road leading from Dixon's to the Osgood schoolhouse.

More than fifteen miles of road have been repaired with the road machine in different parts of the town.

The east sidewalk on Florence Street has been repaired from Park to Elm Street. The north sidewalk on Park Street has been repaired, and that on Chestnut Street, past the houses of George Higgins and Thomas Rhodes.

The streets in and about Ballardvale have been kept in good condition. A new sidewalk has been built from Marland Street to the house of Bancroft Haynes. This was quite expensive, as a retaining wall had to be built and railed.

New railing has been put on the Old Railroad on both sides from Harding Street to the house of Richard Dodson on the North Andover road. This, with the railing at Ballardvale, required over four hundred and fifty cedar posts and nearly three thousand feet of spruce plank.

Two manholes and grates have been put on Chestnut Street near Abraham Marland's, and two grates have been placed

on Brook Street. The Pond hole at the foot of Abbott Village hill has been filled up and seventy-five feet of pipe have been laid from the gutter to take the water to the river.

Concrete sidewalks have been laid on the following streets: The south side of Chestnut Street beginning at Main Street,—the south side of Central Street to the house of Mr. Torr,—the north side of Central Street, beginning at the land owned by Mrs. Coburn, running east past the South Church to School Street,—the north side of Essex Street from Hardy & Cole's lumber yard, running east to Main Street,—then north on Main Street to Pearson Street.

Concrete crossings have been made across Essex Street,—across Central Street,—from Champion's corner to Memorial Hall, and from Valpey's corner to the Post Office.

The bushes have been cut from the North Andover line to Tewksbury and on nearly all the roads in Andover west of the West Church.

A new culvert, two by four, has been put in across the road west of the house of Edward Boutwell, and three others have been taken up and cleaned out, one at the foot of Abbott Village hill, one that crosses the road on Chandler's hill near the Smith & Dove Mill, and one that crosses the road near the Boston & Maine depot.

A piece of road has been built by the state, beginning at the Lawrence line, running south twenty-seven hundred and fifty feet. This was built under the direction of an engineer sent from Boston by the state.

The details of the construction of this road, of interest to our citizens are as follows:

4184 cubic yards excavation,	\$1046 00
4.83 cubic yards ledge,	3 50
2614 square yards shaping road-bed,	52 28
50.2 cubic yards masonry,	125 50
1.5 cubic feet masonry,	6 00
684 cubic feet gravel,	273 60
1350.92 tons native broken stone,	
spread and rolled,	1785 25
<i>Amount carried forward,</i>	<u>\$3292 13</u>

<i>Amount brought forward,</i>	\$3292 13	
874.4 square yards gutters paved,	524 64	
Setting 11 monuments,	12 75	
1308.30 tons Salem stone, spread and rolled,	2682 01	
Total amount work approved,	<u>          </u>	<u><u>\$6511 53</u></u>
The Town Treasurer has received on above account,		\$6338 63
Due the town from state on this account,		
15 per cent of last month's work,		172 88
39 cents per cubic yard overlay,		266 76
Drain and catch basin work,		75 40
Several items of extra work not in con- tract, on which prices will be made when road is finished.		
The town has paid out,		\$6523 39
Bills unpaid,		679 78

It is generally understood that this state road will be built from Lawrence to Boston, to be maintained by the state.

This piece, which is nearly completed, was built on a contract between the State Highway Commission and the Board of Selectmen. Delays in obtaining road material for the surface and breaking down of machinery has made the road cost the town somewhat more than it will receive, but it seems to be money well spent.

Yours respectfully,

JOSEPH T. LOVEJOY,

*Supt. of Streets*

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The over-draw on the regular highway appropriation was made on account of two or three heavy rains during the latter part of the season. It has been estimated that there was from three to five thousand dollars damage done. Knowing that the State Highway would occupy the time during the latter part of the season, the regular repairs were finished early in the year, so that when the extra call came the appropriation had been nearly exhausted.

## HORSES AND DRIVERS.

Appropriation, March 4th,		\$3000 00
Frank M. Smith, care of horses,	\$720 00	
Martin L. Walker, care of horses,	258 00	
Andover Electric Light Company, light,	18 00	
C. E. Knowlton, wood work,	65 00	
Charles F. Mayer and Son, harness, labor,	20 75	
Henry McLawlin, supplies,	12 29	
Frank E. Gleason, hay and straw,	195 76	
T. A. Holt and Co., grain,	278 79	
John O'Connell. repairs,	18 84	
Anderson and Bowman, iron-work,	56 60	
George L. Burnham, Supt., hay,	91 65	
J. O. Carter, care of horses,	441 84	
Smith and Manning, grain,	179 47	
T. H. Lord, labor,	8 00	
J. T. Lovejoy, use of horse,	10 00	
T. P. Harriman, iron work,	68 60	
G. A. Mayer, harness and labor,	14 00	
Geo. Pike, care of horses,	227 87	
M. J. Stack, use of horse,	9 20	
Brainard Cummings, labor,	39	
W. A. Allen, medicine,	85	
Arthur Bliss, medicine,	2 50	
Hardy & Cole, stock and labor,	18 64	
Geo. H. Parker, medicine,	75	
Herbert S. Whitten, care of horses,	21 00	
F. E. Morse, care of horses,	7 00	
A. W. Baker, dentistry,	8 00	
Total expenditure,	————	\$2753 79
Balance unexpended,		<u>\$246 21</u>



**Earnings of Town Horses.**

Snow, sanding walks, and hauling lumber and wood :

January,	\$112 00	
February,	160 00	
March,	153 00	
April,	180 00	
May,	225 00	
June,	207 00	
July,	225 00	
August,	216 00	
September,	195 00	
October,	225 00	
November,	201 00	
December,	36 00	
January,	45 00	
Total,	————	\$2180 00

**Earnings of Men.**

Frank M. Smith,	\$720 00	
J. O. Carter,	441 84	
G. E. Pike,	227 87	
Martin Walker,	258 00	
Herbert Whitten,	21 00	
Frank Morse,	7 00	
T. H. Lord,	8 00	
Total for Drivers,	————	\$1683 71
Fire Department,		77 00

Total Earnings,		<u>\$1760 71</u>
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## TOWN OFFICERS.

Appropriation, March 4th, \$5000 00

## Water Commissioners :

John H. Flint, (1894-95)	\$80 00
James P. Butterfield, (1894-95)	60 00
Felix G. Haynes,	30 00

## Town Clerk :

A. Marland, (1893)	74 84
A. Marland, (1894)	68 21
A. Marland, (1895)	1000 00

## Auditors of Accounts :

Louis A. Dane,	5 00
Lewis T. Hardy,	5 00
B. Rogers,	5 00

## Police :

Geo. W. Mears,	600 00
W. L. Frye,	67 75
J. W. Mooar,	52 25
Wm. Wakeley,	84 50
Reuben Commeau,	5 25
E. C. Knowlton,	70 75
M. T. Welch,	57 25
Wm. Gillespie,	18 50
M. Kelley,	10 90
John H. Clinton,	29 25
J. Jaquith, Jr.,	40 50

## Town Counsel :

George H. Poor, (1894)	25 00
George H. Poor,	150 00

## Moderator :

George H. Poor,	10 00
<i>Amount carried forward,</i>	<u>\$2549 95</u>

Appropriation, March 4th,	\$5000 00
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<i>Amount brought forward,</i>	\$2549 95
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## Registrars of Voters :

Joseph F. Cole,	22 00
Henry McLawlin,	22 00
John Davey,	25 75
A. Marland,	22 00

## Constables :

Barnett Rogers,	2 00
John H. Clinton,	7 00

## Firewards :

George A. Morse,	13 00
H. S. Neal,	17 00
A. McTernen and 12 others,	17 00
E. S. Hardy and 5 others,	23 25
M. P. Burnham,	5 00
Thomas Lawrence,	1 00
R. W. Coleman,	2 00
R. J. Dodson,	3 00
F. S. Dodson,	4 50
John B. Jenkins,	39 00
George A. Holt and 14 others,	43 00
Albert Chadwick,	4 50
James Saunders,	1 50
N. E. Mears,	10 00

Selectmen, Assessors, and Overseers of  
the Poor :

Arthur Bliss,	400 00
Samuel H. Boutwell,	300 00
John S. Stark,	300 00

## Town Treasurer :

George A. Parker,	300 00
<i>Amount carried forward,</i>	<u>\$4134 45</u>

Appropriation March 4th,		\$5000 00
<i>Amount brought forward,</i>	\$4131 45	
Perambulating Town Lines :		
Arthur Bliss,	15 00	
Samuel H. Boutwell,	15 00	
John S. Stark,	15 00	
Election Officers :		
George A. Parker and 13 others,	70 00	
Charles W. Thwing and 7 others,	32 00	
Total expenditure,	<hr/>	4281 45
Balance unexpended,		<hr/> <hr/> \$718 55

## FIRE DEPARTMENT.

Appropriation, March 4th,		\$2700 00
H. M. Hayward, wood,	\$ 2 00	
American Express,	40	
Boston Woven Hose & Rubber Co.,	333 50	
T. P. Harriman, labor and iron,	16 00	
H. P. Noyes, supplies,	3 66	
D. Donovan & Son, labor,	3 50	
E. C. Pike, repairs and supplies,	50 48	
John S. Harnden, services,	100 50	
Andover Electric Company, light.	69 72	
C. F. Mayer & Son, repairs,	6 10	
Henry McLawlin, supplies,	23 77	
Hardy & Cole, lumber and labor,	28 39	
Frank R. Goodwin,	2 50	
W. H. Higgins, team,	1 50	
Green & Woodlin, supplies,	4 65	
Thomas Lawrence, labor,	1 25	
L. G. Buck, use of pung,	9 00	
John Haggerty, horse,	57 00	
<i>Amount carried forward,</i>	<hr/>	\$713 92

Appropriation, March 4th,		\$2700 00
<i>Amount brought forward,</i>	\$713 92	
C. S. Buchan, repairs,	1 70	
John Stack, use of sled,	14 75	
J. H. Clinton, steward and labor,	52 50	
R. J. Sherry, use of team,	5 00	
George A. Morse, pay of members,	404 16	
Lewis T. Hardy, engineer,	75 00	
George D. Lawson, engineer,	50 00	
Andrew McTernen, engineer,	35 00	
F. G. Haynes and Co.,	3 47	
H. S. Neal, pay of members.	250 00	
Wm. H. McTernen, labor,	156 00	
N. E. Mears, engineer,	20 00	
C. Callahan Co., supplies,	8 25	
Tyer Rubber Co., supplies,	9 85	
E. D. Downes Mfg. Co., hose and supplies,	120 00	
H. A. Glazier, hangers and labor,	8 00	
Frank Morse and sixteen others, extra duty,	24 50	
F. E. Gleason, coal,	70 72	
Lawrence Electric Supply Co., labor,	132 07	
Brown's Express,	11 40	
C. N. Perkins, lanterns,	9 00	
Edward McCabe, repairs,	7 20	
J. W. Farnham, hose wagon,	409 00	
Boston & Maine Railroad,	2 25	
G. A. Mayer, repairs and supplies,	4 50	
John Henderson, labor,	3 50	
A. A. Bush, labor,	2 50	
Daily & Haggerty, labor,	7 00	
John Burke and thirteen others, extra duty,	28 00	
George W. Chandler, coal,	33 20	
Cooper Hose Leak Stop Co., supplies,	25 00	
Total expenditure,	—————	\$2697 44
Balance unexpended,		<u><u>\$2 56</u></u>

## TOWN HOUSE.

Appropriation, March 4th,		\$1000 00
Geo. Saunders, ventilator and hose pipe,	\$ 26 75	
Robert Bell, services,	300 00	
Henry Harmon, slating,	46 10	
Andover Electric Co., light,	157 96	
Smith & Manning, broom,	45	
E. C. Pike, repairs,	5 42	
John Connolly, labor,	4 50	
Henry McLawlin, door spring and supplies,	8 80	
Hardy & Cole, repairs,	2 55	
F. E. Gleason, coal,	192 81	
J. E. Whiting, repairs on clocks,	1 50	
B. Cumming, repairs,	9 95	
Dennis McCarty, labor,	5 50	
A. W. Baker, wood,	6 00	
M. E. White, repairs,	7 75	
Total Expenditure,	—————	\$776 04
Balance unexpended,		<u>\$223 96</u>

## PRINTING AND STATIONERY.

Appropriation, March 4th,		\$700 00
Andover Press,	\$581 85	
Wm. G. Goldsmith,	38 32	
Wm. M. Olin,	2 00	
John N. Cole,	15 13	
A. Marland,	3 90	
Fred Hallett & Co.,	2 00	
Thomas Groom & Co.,	2 00	
W. H. Currier & Co.,	13 50	
Bufford Sons,	35 00	
Geo. A. Parker,	1 80	
Total expenditure,	—————	\$695 50
Balance unexpended,		<u>\$4 50</u>



## SPRING GROVE CEMETERY.

Appropriation, March 4th,		\$300 00
Sale of lots, etc.,		285 00
		<hr/> \$585 00
T. Haggerty,	\$ 22 00	
Smith & Manning,	83 18	
Normay Meyers,	159 00	
D. Harrington,	16 50	
Phillip Allicon,	114 00	
W. H. Higgins,	2 00	
Joseph H. Blunt,	4 50	
G. D. Millett,	9 50	
H. McLawlin,	6 06	
O. W. Vennard,	72 50	
Total expenditure,	<hr/>	\$489 24
Balance unexpended,		<hr/> \$95 76 <hr/>

## MAINTENANCE WATERWORKS.

Appropriation, March 4th,	\$1400 00
George A. Parker, Treasurer,	4400 00
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## STREET LIGHTING.

Appropriation, March 4th,	\$3700 00
Andover Electric Co.,	3622 53
Balance unexpended,	<hr/> \$77 47 <hr/>

## MEMORIAL DAY.

Appropriation, March 4th,	\$200 00
B. Cummings, Quartermaster,	200 00
	<hr/>

## INSURANCE ACCOUNT.

Appropriation, March 4th,	\$500 00
Joseph A. Smart, Agent,	361 00
Balance unexpended,	<u>\$139 00</u>

## HAY SCALES.

Appropriation, March 4th,	\$50 00
Cole & Hardy, repairs,	\$ 2 20
J. M. Bean, services,	25 00
Total expenditure,	<u>27 20</u>
Balance unexpended,	<u>\$22 80</u>

## INTEREST ON BONDS, FUNDS, AND NOTES.

Appropriation, March 4th,	\$9000 00
Andover National Bank,	\$ 602 51
N. Jaquith,	200 00
Mary E. Gile,	80 00
Andover Water Bonds,	6131 00
Edgerly & Crocker,	532 51
P. N. Allen,	20 00
George A. Parker, Treasurer,	625 29
Memorial Hall Notes,	1400 00
Grace M. Whittemore,	20 00
	<u>9611 31</u>
Overdrawn,	<u>\$611 31</u>

## ABATEMENT OF TAXES.

Appropriation, March 4th,	\$300 00
S. F. E. Company, No. 1, poll-taxes,	\$36 00
S. F. E. Company, No. 2, poll-taxes,	20 00
George A. Parker, Treasurer,	182 33
Total expenditure,	<u>238 33</u>
Balance unexpended,	<u>\$61 67</u>

## NOTES DISCOUNTED.

## Andover National Bank :

1895, Feb. 4, Note No. 34,	\$5000 00
March 11, Note No. 35,	2000 00
March 11, Note No. 36,	2000 00
April 1, Note No. 37,	4000 00
April 18, Note No. 38,	25000 00
July 1, Note No. 39,	15000 00
Nov. 4, Note No. 40,	25000 00
1896, Jan. 20, Note No. 41,	13000 00
Amount discounted,	<u>\$91000 00</u>

## NOTES PAID.

1895, April 20, No. 33,	\$9000 00
July 11, No. 36,	2000 00
Oct. 4, No. 34,	5000 00
Oct. 11, No. 35,	2000 00
Nov. 4, No. 21,	8000 00
Nov. 19, No. 14,	2000 00
Oct. 28, No. 39,	15000 00
Oct. 30, No. 37,	4000 00
Dec. 2, No. 38,	25000 00
1896, Jan. 20, No. 40,	25000 00
Total,	<u>\$97000 00</u>

## REDEMPTION OF BONDS.

Appropriation,	\$5000 00
George A. Parker, Treasurer,	<u>5000 00</u>

## STATE TAX.

Appropriation, March 4th,	\$6000 00
E. P. Shaw, Treasurer,	<u>4910 10</u>
Balance unexpended,	<u>\$1089 90</u>

## COUNTY TAX.

Appropriation, March 4th,	\$6000 00
E. K. Jenkins, Treasurer,	4915 37
Balance unexpended,	<u>\$1084 63</u>

## SINKING FUND.

Appropriation, March 4th,	\$450 00
Deposited in Savings Banks, Geo. A. Parker, Treas.,	<u>450 00</u>

## SEWERAGE.

Appropriation,	\$500 00
W. H. Higgins,	\$ 3 00
W. S. Jenkins, Chairman,	22 01
Total expenditure,	<u>25 01</u>
Balance unexpended,	<u>\$474 99</u>

## TOWN LAND IMPROVEMENT.

Appropriation, March 4th,	\$200 00
John McCarthy,	\$ 42 75
W. F. Duffie & Co.,	157 25
Total expenditure,	<u>200 00</u>

## STATE AID.

Appropriation, March 5th,	\$1600 00
Charles H. Bell,	\$48 00
Robert Bell,	48 00
Lucy M. Buxton,	48 00
Benjamin Cheever,	72 00
Betsey J. Cheever,	48 00
<i>Amount carried forward,</i>	<u>\$264 00</u>

Appropriation, March 4th,	\$1600 00
<i>Amount brought forward,</i>	\$264 00
Samuel Cheever,	48 00
George Craig,	72 00
Ellen Craig,	48 00
Lemuel P. Cram,	72 00
Deborah M. Cushing,	48 00
Amelia Cutler,	48 00
Elmore Dane,	36 00
Augustus M. Davis,	48 00
Rhoda Davis,	48 00
John S. Dearborn,	72 00
Theodore A. Gibbs,	72 00
Joseph C. Goldsmith,	28 00
John C. Hovey,	48 00
Ann Hunter,	48 00
Sarah M. Hardy,	48 00
William S. Hodgman,	72 00
Mary A. Wardwell,	36 00
Lizzie A. Johnson,	48 00
John McKenzie,	72 00
William B. Morse,	60 00
Bridget McCullough,	48 00
James McDonald,	48 00
Charles Mears,	48 00
John P. Morgan,	72 00
George W. Parker,	48 00
Joseph Russell,	48 00
Martha Russell,	48 00
Henry Shaw,	36 00
Richard W. Simonds,	72 00
Laura F. Smith,	48 00
Nancy M. Travis,	48 00
Total expenditure,	————— \$1900 00
Overdrawn,	<u><u>\$300 00</u></u>

The State Aid is paid to disabled soldiers — (and their wives) — and soldiers' widows who draw pensions from the U. S. Government. It is paid only upon the approval of the Commissioners of State Aid. The whole amount is repaid to the Town by the State.

#### MILITARY AID.

Appropriation, March 6th,		\$300 00
Joseph G. Nolan,	\$96 00	
Charles D. Woodbridge,	96 00	
Total expenditure,	<hr/>	\$192 00
Balance unexpended,		<hr/> <hr/> \$108 00

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One half of the amount is repaid to the Town by the State.

#### MISCELLANEOUS.

Appropriation March 4th,		\$1500 00
M. J. Mahoney, returning births,	1 75	
C. H. Marland, railroad fares,	2 94	
Barnett Rogers, posting warrants and teller,	16 00	
Wm. H. Higgins, teams for police, regis- trars of voters, other town officers,	138 00	
American Express,	2 50	
Boston & Maine Railroad, car fare,	4 62	
Boston & Maine Railroad, freight,	6 80	
T. Metcalf & Co., vaccine points,	2 25	
Sherman Goodwin, census schools, '94,	40 00	
George W. Mears, feeding prisoners, and telephoning,	18 15	
<i>Amount carried forward,</i>	<hr/>	\$233 01



Appropriation, March 4th,		\$1500 00
<i>Amount brought forward,</i>	\$233 01	
O. Chapman, dinners,	4 00	
George W. Wiggin, dinners,	2 00	
Thomas Murphy, dinners,	4 25	
E. P. Hitchcock, dinners,	3 50	
Mary F. Wardwell, team police,	1 50	
P. J. Daly, team police,	1 50	
John P. Lovell Arms Co., supplies for police,	12 38	
Dean Peabody, court fees,	4 60	
F. A. Andrews, census schools, '95,	40 00	
J. F. Richards, returning births, '94,	3 75	
H. P. Noyes, supplies,	90	
H. F. Chase, supplies,	85	
John S. Dearborn, repairs old school- house, B. V.,	7 40	
George S. Fuller, services,	6 00	
George Saunders, plumber examiner,	25 00	
J. A. Leitch, returning births,	8 00	
C. W. Scott, returning births,	7 75	
C. H. Shattuck, returning births,	3 00	
F. H. Messer, returning deaths,	18 25	
C. E. Abbott, returning births,	7 75	
C. E. Abbott, vaccination,	21 00	
C. E. Abbott, town physician and secre- tary board of health,	150 00	
Geo. A. Parker Treas., State Road	184 76	
Total expenditure,	<hr/>	\$751 15
Balance unexpended,		<hr/> <hr/> \$748 85

## SUMMARY OF APPROPRIATIONS AND RECEIPTS.

Abatement of Taxes,	\$ 300 00
Andover Waterworks,	12834 15
County Tax,	6000 00
Fire Department,	2700 00
Hay Scales,	97 00
Highways and Bridges,	11338 62
Horses and Drivers,	3000 00
Improvement of Town Land, near depot,	200 00
Insurance,	500 00
Interest on Notes, Funds, and Bonds,	9000 00
Memorial Day,	200 00
Military Aid,	300 00
Miscellaneous,	1500 00
New Grammar Schoolhouse,	182 39
North District Schoolhouse,	1500 00
Notes Discounted,	91000 00
Printing and Stationery,	700 00
Removing Snow,	500 00
Schools,	17500 00
School-books and School supplies,	1500 00
School-houses,	3250 00
Sewerage and Parks,	500 00
Sidewalks,	1532 08
Spring Grove Cemetery,	585 00
State Aid,	1600 00
State and Bank Tax,	6000 00
Street Lighting,	3700 00
Town House,	1616 03
Town Officers,	5000 00

## SUMMARY OF SELECTMEN'S ORDERS.

Abatement of Taxes,	238 33
Andover Waterworks,	9850 00
County Tax,	4915 37
Fire Department,	2697 44
Hay Scales,	27 20
Highways and Bridges,	13053 91
Horses and Drivers,	2753 79
Improvement of Town Land, new dept.,	200 00
Insurance,	361 00
Interest on Notes, Funds, and Bonds,	9611 31
Memorial Day,	200 00
Military Aid,	192 00
Miscellaneous,	751 15
New Grammar School-house,	180 00
North District School-house,	1495 36
Notes paid,	97000 00
Printing and Stationery,	695 50
Removing Snow,	1179 40
Schools,	\$17495 20
School-books and School supplies,	1493 88
School-houses,	3248 75
Sewerage and Parks,	25 01
Sidewalks,	1566 53
Spring Grove Cemetery,	489 24
State Aid,	1900 00
State and Bank Tax,	4910 10
Street Lighting,	3622 53
Town House,	776 04
Town Officers,	4281 45

## Schedule of Town Property.

Town House, fixtures, and furniture,	\$22000 00
Land,	4000 00
School-house property,	114500 00
Punchard School Fund,	75200 00
Memorial Hall and Land,	28500 00
Memorial Hall permanent Fund,	20000 00
Memorial Hall Library, John Byers Fund,	5000 00
Memorial Hall Library and Furniture,	9000 00
Town Farm and buildings,	12000 00
Personal property at Town Farm,	3585 00
Two Engine-houses and Shed,	12000 00
Two Steam Fire-engines and apparatus,	10000 00
One Hand-engine and apparatus,	200 00
One Hook and Ladder Truck,	400 00
Five Horses,	1000 00
Stone Breakers and Engine,	3200 00
Carts, Harnesses, and Tools,	500 00
Waterworks Property,	200000 00
Six Reservoirs,	2000 00
Indian Ridge Land,	4000 00
Spring Grove Cemetery and Receiving Tomb,	7000 00
Hay Scales,	350 00
Safe in Town House,	450 00
Weights and measures,	325 00
Total,	<u>\$535,210 00</u>

## Overseers of Poor.

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The running expenses of the town farm will be about the same as last year.

The almshouse is in charge of Mr. and Mrs. George L. Burnham, whose management is entirely satisfactory to the overseers.

### ALMSHOUSE EXPENSES.

Appropriation, March 4th,		\$4000 00
E. C. Pike, supplies,	\$ 8 10	
J. S. Stark. provisions,	22 48	
Lizzie Hayward, housework,	56 25	
Charles Jameson, killing hogs,	7 00	
Jerry Sullivan, labor,	33 75	
George L. Burnham, superintendent,	756 60	
G. Louis Burnham, labor,	220 00	
T. J. Farmer, fish,	66 84	
L. H. Eames, provisions,	34 92	
C. H. Murch & Co., manure,	230 41	
J. H. Nason, sled,	42 00	
J. E. Sears, shoes,	55 06	
George Saunders, supplies,	5 11	
H. R. McLaughlin, sawing lumber,	5 00	
Henry McLawlin, hardware,	66 51	
Smith and Manning, groceries,	485 58	
C. F. Mayer & Son, harness repairs,	20 85	
F. E. Gleason, coal and manure,	269 09	
H. F. Chase, supplies,	2 25	
Beach Soap Co., soap,	17 60	
E. W. Pierce, grain,	258 54	
<i>Amount carried forward,</i>	<i>\$2663 94</i>	

Appropriation, March 4th,		\$4000 00
<i>Amount brought forward,</i>	\$2663 94	
M. E. Austin, hardware,	6 52	
H. P. Noyes, furniture,	117 93	
M. V. Gleason, mason work,	24 55	
Anderson & Bowman, blacksmith work,	35 60	
T. A. Holt & Co., groceries,	336 35	
Schlegel & Fottler, seeds,	17 00	
Joseph Breck & Sons, supplying help,	2 00	
F. Putnam & Co., potatoes,	23 25	
D. A. Carleton, cows,	88 00	
H. J. Bowden, trees,	4 00	
Mary A. Carter, sewing,	10 00	
Amos Loomer, labor,	8 30	
Mr. and Mrs. J. N. Bulloch, labor,	10 00	
George Mander, labor,	41 44	
Brainard Cummings, repairs,	1 10	
J. P. Wakefield, provisions,	147 55	
Valpey Bros., provisions,	255 02	
George S. Fuller, veterinary services,	8 50	
William H. Higgins, horse hire,	12 50	
French & Puffer, crockery,	7 50	
Bicknell Bros., clothing,	21 85	
Elbridge Sloate, labor,	81 49	
Mena Firth, labor,	58 00	
George L. Averill, fertilizer, seeds, etc.,	65 37	
Boston & Maine Railroad, freight,	2 85	
D. Donovan & Son, painting,	13 26	
E. F. Houghton & Co., disinfectant,	3 75	
J. H. Russell, tomato plants,	6 00	
J. H. Champion & Co., groceries,	9 43	
J. O'Connell, repairs,	75	
J. W. Barnard & Son, shoes,	4 35	
Barnett Rogers, rent of pasture,	15 00	
J. H. Chandler, papers,	10 55	
Lawrence Rubber Co., blankets,	5 34	
<i>Amount carried forward,</i>	<u>\$4119 04</u>	

Appropriation, March 4th,		\$4000 00
<i>Amount brought forward,</i>	\$4119 04	
A. W. Caldwell, painting,	10 00	
Reid & Hughes, dry goods,	83 52	
William Poor, wheelwright work,	12 60	
Hardy & Cole, repairs,	17 68	
T. P. Harriman, blacksmith work,	8 75	
Louis Pierce, labor,	53 40	
Norah Bowler, labor,	48 00	
Woodlawn Dairy Co., provisions,	8 10	
B. F. Holt, ice,	16 00	
John E. Hutcheson, fish,	21 18	
George H. Parker, medicine,	9 95	
Arthur Bliss, medicine,	24 30	
O. P. Chase, papers,	3 52	
A. B. Bruce, bread,	45 53	
Total expenditure,	<hr/>	\$4481 57
Overdrawn,		<hr/> \$481 57 <hr/>

## REPAIRS ON ALMSHOUSE.

Appropriation, March 4th,		\$400 00
E. C. Pike, labor and stock,	51 15	
Brainard Cummings, labor and stock,	134 82	
D. J. Winton, painting,	128 00	
M. V. Gleason, labor and stock,	47 20	
M. E. White, labor and stock,	19 24	
Total expenditure,	<hr/>	\$380 41
Balance unexpended,		<hr/> \$19 59 <hr/>

## RELIEF OUT OF ALMSHOUSE.

Appropriation, March 4th,		\$5000 00
Mrs. Wm. B. Osgood,	109 08	
Joseph Hird,	23 20	
<i>Amount carried forward,</i>	<hr/>	\$132 28



Appropriation, March 4th, \$5,000 00

*Amount brought forward,* \$132 28

Elizabeth Hayes,	\$130 10	
Mrs. Ellen Connors,	93 36	
Mrs. Mary Fenlason,	158 03	
Mrs. Julia Cotter,	72 00	
Mrs. Susan Goodwin,	53 45	
John D. Lynch,	94 25	
John Porter,	15 37	
Daniel Daly,	84 93	
Rosetta Morrison,	55 50	
Bernard F. McEnroe,	157 90	
Mrs. Robertina Crockett,	196 43	
Samuel O. Cheever,	24 00	
Mrs. Jessie Baxter,	96 70	
Mrs. Ann Welch,	9 75	
Mrs. Annie Qualey's child,	105 85	
Delina Jones,	9 55	
Mrs. L. M. Mason,	77 50	
Car fares and telephone fees,	12 27	
Walter Bailey,	111 00	
Charles Holt,	1 00	
Martha Hird,	20 00	
Mrs. Patrick McMullen,	10 00	
Mrs. Kate Rogers,	148 69	
Johannah Holland,	96 00	
Mrs. Mary Lord,	155 00	
Mrs. Mary Comber,	191 75	
Kate Tobin,	133 20	
Kate Forsaith,	48 00	
Hannah Connelly,	56 75	
Michael Troy,	101 03	
John Buckley,	44 23	
James Oldroyd,	165 93	
Alfred C. Mears,	92	
Joseph J. Sullivan,	3 00	
Edward White,	85	
	<hr/>	\$2734 29

*Amount carried forward,* \$2866 57

Appropriation, March 4th,	\$5000 00
<i>Amount brought forward,</i>	\$2866 57

## SOLDIERS' RELIEF.

George Craig,	\$96 00
Wm. S. Hodgman,	59 09
Benjamin Cheever,	96 00
Mary Russell,	40 00
Sariah D. Noland,	54 18
Mrs. Emma Shattuck,	151 43
Elmore Dane,	108 00
Ann Ahearne,	48 00
George Pike,	20 00
Winslow Russell,	52 50
Theodore A. Gibbs,	42 00
	<hr/> \$767 20

## PAID ON ACCOUNT OF COMMONWEALTH.

Charles Baker,	\$51 02
John Fraize,	2 50
Mrs. McLaughlin,	50
Jessie Johnson,	6 75
George Sellers,	16 40
	<hr/> \$77 17

## PAID ON ACCOUNT OF CITIES AND TOWNS.

Lynn, John Parton,	\$12 25
Lynn, Lizzie A. Abbott,	66 00
Lawrence, Mary Donahue,	50 60
North Andover, Mrs. Campbell,	33 25
Lowell, Jabez Kendrick,	17 28
	<hr/> \$179 38
<i>Amount carried forward,</i>	<hr/> \$3890 32

Appropriation, March 4th,	\$5000 00
<i>Amount brought forward,</i>	\$3890 32

## PAID ON ACCOUNT OF CITIES AND TOWNS.

## SOLDIERS' RELIEF.

No. Reading, Caroline McIntire,	\$44 13
Boston, Lemuel P. Cram,	20 00
Billerica, Mrs. Eliza Pasho,	37 50
	<hr/> \$101 63

## PAID CITIES AND TOWNS.

Lawrence, Mrs. J. M. Abbott,	\$180 00
Danvers, John A. Holt,	10 00
Boston, Georgianna Parker,	10 00
Lawrence, Joseph Dalton,	3 00
	<hr/> \$203 00

## PAID CITIES AND TOWNS.—SOLDIERS' RELIEF.

Lawrence, Miss Jane Lindsay,	\$171 40
Boston, Mrs. Nathan H. Gray,	20 50
	<hr/> \$191 90

## LUNATIC HOSPITALS.

Danvers, Peter Riley and wife,	\$323 69
Danvers, George F. Stevens,	169 47
Danvers, Olga Mayer,	169 47
Danvers, William B. Osgood,	169 47
Danvers, Henry Smith,	169 47
Danvers, Bridget Dwane,	169 46
Danvers, Bridget Hayes,	169 46
	<hr/> \$1345 49

Total expenditure,	\$5732 34
Overdrawn,	<hr/> \$732 34

## SUMMARY OF OVERSEERS' ORDERS.

Total Appropriation, March 5th,	\$9400 00
Almshouse expenses,	\$4481 57
Relief out of Almshouse,	5732 34
Repairs on Almshouse,	380 41
Total expenditure,	—————\$10594 32
Overdrawn,	<u>          \$1194 32</u>

## REPRESENTATIVE FUND.

The interest on this fund has been given this year to Mrs. Mary Feulason.

Respectfully submitted,

ARTHUR BLISS,	} <i>Overseers</i>
SAM'L H. BCUTWELL,	
JOHN S. STARK,	

*of Poor.*

## ALMSHOUSE.

Whole number of paupers in Almshouse during the year, 27

Whole number of weeks' board, 1305

Average weekly expense for each inmate, first deducting the amount sold from the farm from the expense of the Almshouse, was \$2 06

Whole number of tramps, 129.

## REMAINING IN ALMSHOUSE.

Between eighty and ninety,	1
Between seventy and eighty,	3
Between sixty and seventy,	2
Between fifty and sixty,	2
Between forty and fifty,	3
Between thirty and forty,	6
Between twenty and thirty,	1
Between ten and twenty,	2
Between one and ten,	1
Under one,	1
Total,	<hr/> 22

Number at beginning of the year, 19

Number admitted, 8

Number discharged, 2

Number died, 2

Martha Hird, died March 1, 1895, aged 36.

Ann Hughes, died Feb. 14, 1895, aged 82.

## PERSONAL PROPERTY AT THE ALMSHOUSE.

Household furniture,	\$1000 00
Clothing,	600 00
Farm stock,	575 00
Farm tools,	650 00
Farm produce,	450 00
Fuel and lumber,	150 00
Provisions,	150 00
Total,	<u>\$3575 00</u>

## SUPERINTENDENT'S FARM ACCOUNT.

DR.

To cash received for	
1894 Bill,	\$ 35 00
Hay,	259 13
Cows,	221 60
Vegetables,	394 18
Eggs and Poultry,	37 99
Labor,	238 65
Board,	280 50
Pasturing Cows,	14 50
Milk,	205 28
Fruit,	27 00
Wood,	5 00
Pigs and Pork,	84 16
	<u>\$1802 99</u>

CR.

By cash paid Town Treasurer,	<u>\$1802 99</u>
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GEORGE L. BURNHAM, SUPT.

ANDOVER, Mass., Jan. 15, 1896.

# Fire Department.

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## REPORT OF THE CHIEF ENGINEER.

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TO THE BOARD OF SELECTMEN :

*Gentlemen*,—In compliance with the regulations of the Fire Department, I submit the following report :

The force consists of four Engineers, twenty-two members of Steamer Co. No. 1, and B. F. Smith Hook and Ladder Truck, and ten members of the J. P. Bradlee Hose Co., No. 1.

The apparatus consists of two third-class steam fire engines with hose carriage for each, one two-horse hose wagon, one hook and ladder truck, one one-horse hose wagon, and one supply wagon. There are about five thousand feet of hose in good condition.

There have been thirteen alarms of fire the last year :

Feb. 26. Scotland District schoolhouse.

Apr. 7. False alarm.

Apr. 3. James Coates, Ballard Vale.

Apr. 6. Brush fire, Ballard Vale.

Apr. 26. Brush fire, Ballard Vale.

May 5. John Nuckley's.

June 14. Brush fire in Ballard Vale.

June 21. Prof. Hincks' house.

July 3. H. O'Donnell, Ballard Vale.

July 4. Dormitory English Commons.

Sept. 9. Craighead & Kintz shop.

Sept. 11. Henry Gray's storehouse.

Jan. 13, 1896. J. T. Price house, Ballard Vale.



## SCHEDULE OF PROPERTY.

Two Engine-houses and shed,	\$12000 00
Two Steam fire-engines and apparatus,	6000 00
Three horses and harnesses,	500 00
B. F. Smith hook and ladder truck,	250 00
Total,	\$18750 00

I recommend an appropriation of \$2500 for the running expenses of the ensuing year.

I also recommend buying a piece of land in Ballard Vale, moving the present house, and building an addition thereto, and buying a new hook and ladder truck in the place of the one we now have, which is too small, as there have been quite a number of large, high buildings built the last few years.

Respectfully submitted,

LEWIS T. HARDY,

*Chief Engineer.*

Andover, Mass., Feb. 7, 1896.

# Police Department.

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## REPORT OF THE CHIEF OF POLICE.

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TO THE BOARD OF SELECTMEN :

*Gentlemen*, — In compliance with the regulation of the Police Department, I submit my second annual report.

### ARRESTS.

There have been forty-four arrests, for the following causes :

Assaults,	8	
Arson,	1	
Breaking and entering,	2	
Larceny,	7	
Malicious mischief,	1	
Cruelty to Animals,	1	
Breaking Town By-Laws,	5	
Disturbing the peace,	7	
Keeping unlicensed dogs,	5	
Drunkenness,	10	
For out-of-town officers,	5	
Gunning on Sunday,	3	
Insane,	5	
Whole number of arrests,	—	60

Disposal of cases :

Bound over to Grand Jury,	1
Committed to Lawrence Jail,	7
Committed to Danvers Insane Asylum,	3
Committed to Tewksbury Almshouse,	1

## Disposal of cases :

Committed to Concord,	1
Discharged at court,	6
Paid fines,	35
Appealed to Superior Court and furnished bonds,	1
Prisoners turned over to out of town officers,	5

## MISCELLANEOUS.

Burglaries reported,	6
Doors found open in stores and secured,	2
Persons locked up,	28
Value of property reported stolen,	\$225 00
Value of property recovered,	150 00
Amount of fines paid to Town Treasurer,	\$335 00
Value of equipments in the hands of Police,	90 00

Respectfully submitted,

GEORGE W. MEARS,

CHIEF OF POLICE.

ANDOVER, Mass., February 6, 1895.

## Cemetery Committee.

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The Cemetery Committee herewith submit their annual report with a statement of the receipts and expenditures for the year ending January 1, 1896.

The cemetery has been under the care of Mr. Vennard as Superintendent, and the grounds have never been kept in better condition than during the past year.

Much needed work has been done in clearing the underbrush and removing trees near the entrance. A new avenue at the entrance nearer Ballard Vale has been laid out and adorned with a double row of trees.

Many trees have been transplanted and the avenues and walks kept clean and attractive. As the receiving tomb is in a bad condition and will need to be partially rebuilt, your committee ask for an appropriation of \$300.00 and the proceeds of the sale of lots for the coming year.

WM. S. JENKINS,  
JAMES P. BUTTERFIELD,  
JOHN L. SMITH,  
GEORGE W. FOSTER,  
F. G. HAYNES,  
CHARLES GREENE,  
OLIVER VENNARD.

CEMETERY COMMITTEE.

## REPORT OF SUPERINTENDENT.

CR.

Appropriation,	\$300 00	
Sale of lots,	285 00	
	<hr/>	\$585 00

DR.

Selectmen's Orders,	489 24	
	<hr/>	
Balance unexpended,	\$95 76	
	<hr/>	

Received from Town as per last Report,	\$11111 02	
Received from Town this year,	300 00	
Received from sale of lots, wood, etc.,	6395 05	

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\$17806 07

Less overpaid,	976 03	
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\$16830 04

Cost of land,	\$3000 00	
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Cost of improvements, as per last Report,	13245 04	
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Cost of improvements this year,	489 24	
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\$16734 28

Balance unexpended,	95 76	
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\$16830 04

Lots sold as per last Report,	213	
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Lots sold this year,	11	
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224

Whole number of single graves sold,	30	
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Interments as per last Report,	450	
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Interments this year,	27	
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477

Respectfully submitted,

O. W. VENNARD,

*Superintendent.*

# Tax Collector's Account.

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*Abraham Marland in Account with the Town of Andover.*

Dr.

Amount due Town on 1891 Taxes, as by Report	
January 15, 1895,	\$89 62

Cr.

Amount collected,	\$19 15	
Amount abated and remitted,	12 00	
Amount uncollected,	58 47	
	<hr/>	\$89 62
Interest on Taxes, 1891 List,		<hr/> <hr/> \$3 72

Dr.

Amount due Town on 1892 Taxes, as by Report	
January 15, 1895,	\$524 85

Cr.

Amount collected,	\$131 59	
Amount abated and remitted,	26 90	
Amount uncollected,	366 36	
	<hr/>	\$524 85
Interest on Taxes, 1892 List,		<hr/> <hr/> \$21 34

79

Dr.

Amount due Town on 1893 Taxes, as by Report January 15, 1895,	\$2716 50
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Cr.

Amount collected,	\$1196 44	
Amount abated and remitted,	20 70	
Amount uncollected,	1499 36	
	<hr/>	\$2716 50
Interest on Taxes, 1893 List,		<hr/> <hr/> \$96 84

Dr.

Amount due Town on 1894 Taxes, as by Report January 15, 1895,	\$8288 00
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Cr.

Amount collected,	\$4613 01	
Amount abated and remitted,	62 54	
Amount uncollected,	3612 45	
	<hr/>	\$8288 00
Interest on Taxes, 1894 List,		<hr/> <hr/> \$135 71

Dr.

Assessors' List of Taxes, 1895,	\$70989 38	
Andover National Bank Tax,	3135 00	
	<hr/>	\$74124 38

Cr.

Amount collected,	\$64835 40	
Amount abated and remitted,	60 19	
Amount uncollected,	9228 79	
	<hr/>	\$74124 38
Interest on Taxes, 1895 List,		<hr/> <hr/> \$21 30

ABRAHAM MARLAND,

COLLECTOR.

Andover, January 14, 1896.



# Treasurer's Account.

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## LIABILITIES.

Trustees of Memorial Hall, Notes,	\$25000 00
Water Bonds,	165000 00
Notes,	23000 00
Interest on Notes and Bonds,	1870 00
Unpaid Bills (estimated),	1200 00
	<hr/> \$216070 00

## ASSETS.

Cash on hand, Town Funds,	\$ 606 07
Cash on hand, Waterworks,	13956 96
Uncollected Taxes, 1891,	58 47
Uncollected Taxes, 1892,	366 36
Uncollected Taxes, 1893,	1499 36
Uncollected Taxes, 1894,	3612 45
Uncollected Taxes, 1895,	9228 79
Sinking Funds,	3997 29
Commonwealth, State Aid,	1900 00
Commonwealth, Military Aid,	96 00
Commonwealth, State Highway,	484 84
Commonwealth, Relief Out,	77 17
Due from Cities and Towns,	281 01
	<hr/> \$36164 77
Balance against the Town,	<hr/> \$179905 23 <hr/>

## WATERWORKS.

*George A. Parker, Treasurer, in account with the Town of Andover.*

## DR.

Balance on hand, January 9th, 1895,	\$2020 38
Maintenance,	4400 00
Service-pipe,	2374 86
Interest,	6191 67
Bonds sold,	18000 00
Premium on Bonds,	660 00
Redemption of Bonds,	5000 00
	<hr/>
	\$38646 91

## CR.

Orders paid,	\$12649 95
Interest on Bonds,	6380 00
Bonds Redeemed,	5000 00
Sinking Fund,	660 00
Cash on hand,*	13956 96
	<hr/>
	\$38646 91

\* \$411 67 of above amount is for interest due.

Bonds Nos. 26 to 30 inclusive were redeemed November 1, 1895.

## WARE SIDEWALK FUND.

Balance, January 9th, 1895,	\$80 84
Interest,	3 65
	<hr/>
	\$84 49

## CR.

Deposited in Andover Savings Bank,	\$84 49
	<hr/>

## RICHARDSON FUND FOR FRYE VILLAGE SCHOOLS.

Deposited in Andover Savings Bank,	\$1079 29
	<hr/>

GEO. A. PARKER,

TREASURER.

ANDOVER, Jan. 15, 1894.

## GEORGE A. PARKER, TREASURER, IN

DR.

Balance from last year,	\$195 38
Commonwealth, Corporation Tax,	8847 98
Commonwealth, Bank Tax,	2689 00
Commonwealth, State Aid, Chap. 301,	1744 00
Commonwealth, State Aid, Chap. 297,	95 00
Commonwealth, State Aid, Chap. 62,	35 00
Commonwealth, State Highway,	6338 63
Edgerly & Crocker, Note,	25000 00
Andover National Bank, Notes,	49000 00
Brewster, Cobb & Estabrook, Note,	15000 00
Arthur Bliss, Note,	2000 00
Premium on Notes,	2 50
Town Hall,	616 03
Cities and Towns,	297 65
Spring Grove Cemetery, Lots Sold,	285 00
Geo. H. Poor, Esq., Fines,	320 00
Lawrence House of Correction, Fine,	15 00
Estate of Bridget Tate,	240 40
Relief out, Refunded,	512 00
Licenses,	59 00
Hay Scales,	47 00
A. Marland, Collector, 1891, taxes, interest, and abatements,	34 87
A. Marland, Collector, 1892, taxes, interest, and abatements,	179 83
A. Marland, Collector, 1893, taxes, interest, and abatements,	1313 98
A. Marland, Collector, 1894, taxes, interest, and abatements,	4811 26
A. Marland, Collector, 1895, taxes, interest, and abatements,	64916 89
Ballardvale Rents,	300 00
A. Marland, Town Clerk, Fees,	35 80
Income from Town Farm,	1802 99
Concreting, Amount Refunded by Abutters,	532 08
Water Rates,	8434 15
Horses, Work on State Highway,	502 25
Arthur Bliss, Posts,	5 00
John O'Connell, Lumber,	4 72
L. L. & H. Street Railway, Removing Snow,	97 77
Boston & Maine R. R. Co., Work on Highway,	9 00
Gravel Sold,	14 50
Old North School-house,	25 00
School Committee, Books Sold,	5 32
Tyer Rubber Co., Amount Overpaid,	2 60
State Almshouse, Tewksbury, Use of Stone Crusher,	200 00
Use of Derrick,	6 00
Interest on County Tax,	8 19
Andover Savings Bank, Sale of Land for Taxes, 1892,	160 34
Amount Charged to Miscellaneous and Credited State Highway,	184 76

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\$196926 87

## ACCOUNT WITH THE TOWN OF ANDOVER.

CR.

## Cash paid Selectmen's Orders:

Schools,	\$17495 20
Schoolhouses,	3248 75
Books and Supplies,	1493 88
Highways,	13053 91
Horses and Drivers,	2753 79
Snow,	1179 40
Fire Department,	2700 04
Street Lighting,	3622 53
Printing and Stationery,	695 50
Interest,	9611 31
Insurance,	361 00
Town House,	776 04
Town Officers,	4281 45
Hay Scales,	27 20
Memorial Day,	200 00
Miscellaneous,	751 15
State Tax,	4910 10
Sewerage,	25 01
Improvement of Town Land near Depot,	200 00
North District School-house,	1495 36
New Grammar School-house,	180 00
Sidewalks,	1566 53
Notes Paid,	97000 00
Spring Grove Cemetery,	489 24
Abatement of Taxes,	238 33
County Tax,	4915 37
Sinking Fund,	450 00
Maintenance,	4400 00
Redemption of Bonds,	5000 00

## Overseers' Orders:

Almshouse Repairs,	380 41
Almshouse Repairs,	4481 57
Relief Out,	6245 73
Military Aid,	192 00
State Aid,	1900 00
Cash on Hand,	606 07

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\$196926 87

## SINKING FUNDS.

## No. 1.

Balance last year,	\$1920 02	
Received from Town,	150 00	
Interest, Andover Savings Bank,	45 81	
Interest, Essex Savings Bank,	30 62	
Interest, City Institution for Savings,	10 67	
	<hr/>	\$2157 12

## CR.

Deposited in Andover Savings Bank,	\$1053 17	
Deposited in Essex Savings Bank,	788 77	
Deposited in City Institution for Sav- ings, Lowell,	315 18	
	<hr/>	\$2157 12
		<hr/>

## No. 2.

Balance last year,	\$674 55	
Received from Town,	150 00	
Interest, Broadway Savings Bank,	30 24	
	<hr/>	\$854 79

## CR.

Deposited in Broadway Savings Bank,	\$854 79
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## No. 3.

Balance last year,	\$160 71	
Received from Town,	150 00	
Premium on Bonds,	210 00	
Interest, Andover Savings Bank,	12 57	
Interest, Central Savings Bank,	2 10	
	<hr/>	\$535 38

## CR.

Deposited in Andover Savings Bank,	\$323 28	
Deposited in Central Savings Bank,	212 10	
	<hr/>	\$535 38
		<hr/>

85

No. 4.

Premium on Bonds,	\$450 00
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CR.

Deposited in Haverhill Savings Bank,	\$450 00	<u>\$450 00</u>
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GEORGE A. PARKER,

TREASURER SINKING FUND.

Andover, Jan. 9, 1896.

# Assessors' Report.

We herewith submit our Annual Report.

Number of Male polls assessed,		1,344
Personal Estate,	\$1,102,377 00	
Real Estate,	3,500,896 00	
	<hr/>	\$1,603,273 00
Poll-tax,	\$2,688 00	
Tax on Personal Estate,	14,782 00	
Tax on Real Estate,	52,513 00	
	<hr/>	\$69,983 00

Rate of Tax per \$1000, \$15.00

Number of

Horses assessed,	750
Cows assessed,	908
Cattle other than Cows,	212
Swine,	275
Dwellings,	1055
Acres of land,	18469

ARTHUR BLISS,	}	<i>Assessors of Andover.</i>
SAMUEL H. BOUTWELL,		
JOHN S. STARK,		



## Auditors' Certificate.

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We have examined the accounts of the Town Officers, and find them correct, with satisfactory vouchers for all payments made.

The Town Treasurer has on deposit in the Andover National Bank thirteen thousand nine hundred and fifty-six dollars and ninety-six cents, (\$13956.96) to the credit of the water loan, and six hundred and six dollars and seven cents (\$606.07) town funds.

LEWIS T. HARDY,  
LOUIS A. DANE,  
GEORGE A. HIGGINS,  
AUDITORS.

ANDOVER, MASS., Jan. 28, 1895.

## Board of Health.

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*To the Honorable Board of Selectmen :*

Your Board of Health elected as follows : Arthur Bliss, Charles E. Abbott, M.D., Howell F. Wilson, organized at its first meeting, Arthur Bliss chairman, Charles E. Abbott secretary ; and voted to use the same Regulations as published during the preceeding year, and said notice to be given of the same in the Andover Townsman. During the year 26 cases of nuisance have been investigated by the Board. Advice in regard to the location of six cesspools has been given. Two examinations and certificates for plumbers have been received, and one permit granted to keep a boarding house for infants.

The various slaughter houses and rendering establishments have been under the supervision of your Board and have been visited frequently. In the absence of a regular Inspector of Plumbing, the Chairman or Secretary has fixed and approved 38 plans for plumbing, and we trust with general satisfaction and no cost to the public. Numerous complaints in regard to the keeping of swine and hens have been received and attended to according to our Regulations,

The following cases of disease have been reported : Varioloid, 1 ; Diphtheria, 11 ; Scarlet Fever, 16 ; Typhoid Fever, 3 ; total, 32.

The Board wishes to thank the various physicians who have carefully reported cases of contagious diseases, and to enlist the cooperation of the householder also in caring for these cases, from a sanitary point of view. The physician of

your Board is at all times ready and willing to aid, either in person or by advice, in the fumigation of infected apartments. Your Board has found it impracticable to take charge of the cleaning of vaults and cesspools, especially owing to the great amount of territory to be gone over, but advice, in regard to the same, will be gladly given. Your Board cannot urge too strongly the acceptance of some plan of sewage disposal at an early date. The sanitary condition of our public buildings depends entirely upon this one question, and the erection of more commodious dwelling houses to afford tenements for an ordinary rental is also dependent upon this point. The introduction of water has been a boon to many of our citizens, but its disposal has become a veritable nightmare. The subject of surface drainage is also strongly advocated by your Board. In regard to complaints from the general public they are again requested to make their requests in writing in order that the same may be recorded.

Signed,

ARTHUR BLISS,	} <i>Board of</i>
HOWELL F. WILSON,	
CHARLES E. ABBOTT,	
	<i>Health.</i>

## Cornell Fund.

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Amount of Fund,		\$5000 00
Deposited in Savings Bank,		5000 00
Cash on hand,	\$33 87	
Dividends,	200 00	
	<hr style="width: 50%; display: inline-block; vertical-align: middle;"/>	\$233 87

Amount expended,	\$165 00	
Cash on hand,	68 87	
	<hr style="width: 50%; display: inline-block; vertical-align: middle;"/>	\$233 87

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FRANK E. GLEASON,	}	<i>Trustees.</i>
JOSEPH A. SMART,		
CHARLES GREENE,		

ANDOVER, Mass., Feb. 12, 1896.

# Punchard Free School.

The Trustees of the Punchard Free School submit to the Town this account of their Receipts and Expenditures for the year 1895, and of the Condition of the Fund at the close of the year.

## TREASURER'S REPORT FOR THE YEAR ENDING DECEMBER 31, 1895.

Amount of Principal December 31, 1895,	\$75005 00
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Invested in :

Real Estate Mortgages	\$73225 00	
Cash on deposit in banks,	1725 00	
Deposit in Andover Savings Bank,	55 00	
	<u>          </u>	\$75005 00

### INCOME.

Balance on hand December 31, 1894,	\$2360 27	
Interest on loans and deposits in 1895,	3979 44	
Tuition collected from non-residents,	30 00	
Book assessments collected,	296 00	
Grass sold,	3 00	
	<u>          </u>	6668 71
Expended in 1895,	\$5023 77	
Balance on hand December 31, 1895,	1634 94	
	<u>          </u>	<u>\$6668 71</u>

## DETAILED STATEMENT OF EXPENSES.

Allen Latham, Principal,	\$900 00
Frank O. Baldwin, Principal,	720 00
Mary E. Dern, Assistant,	620 00
Mary Alice Abbott, Assistant,	570 00
Edith L. Taft, Assistant,	330 00
Jean S. Pond, Assistant,	240 00
Charlotte Norris, Assistant,	240 00
Florence Chandler, Assistant,	25 00
George Fresé, Music Teacher,	27 50
Frederick Palmer, Chairman Visiting Committee,	100 00
Geo. H. Poor, Treasurer,	200 00
Curtis M. Baldwin, janitor,	250 00
Andover Press, Printing,	25 75
Frank O. Baldwin, supplies,	1 50
Buchan and Thomes, repairs,	2 00
George W. Chandler, fuel,	210 00
John N. Cole, books and supplies,	340 49
H. F. Chase, repairs,	2 15
Brainard Cummings, repairs,	15 90
H. W. Cunningham, labor,	5 50
D. Donovan and Son, repairs,	3 00
Franklin Educational Co., supplies,	13 50
Perley F. Gilbert, filling diplomas,	5 00
T. A. Holt and Co., supplies,	15 17
Hardy & Cole, repairs,	5 33
Allen Latham, supplies,	35 07
Henry McLawlin, supplies,	3 59
Henry P. Noyes, supplies and repairs,	28 84
Frederick Palmer, expenses incurred,	1 78
George Saunders, repairs,	19 30
Joseph A. Smart, insurance,	32 50
M. T. Walsh, repairs,	7 30
<i>Amount carried forward,</i>	<u>\$4996 17</u>

<i>Amount brought forward,</i>	\$4996 17
M. E. White, repairs,	9 85
J. E. Whiting, clock account,	2 50
William Wood, repairs,	15 25
Total expenses,	<u>\$5023 77</u>
Balance of income, on deposit,	1630 80
“ “ In safe,	14 14
	<u>\$6668 71</u>

GEO. H. POOR,

TREASURER.

January 1, 1896

Examined, and found correct.

GEORGE A. PARKER

AUDITOR.

January 25, 1896.

FREDERIC PALMER,

FRANK R. SHIPMAN,

GEORGE A. PARKER,

HORACE H. TYER,

GEORGE H. POOR,

SAM'L H. BOUTWELL,

TRUSTEES.



# Sewer Commissioners' Report.

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*To the Citizens of Andover:—*

The only question of importance which has come before your Sewer Commissioners during the past year has been the method for disposal of the sewage of Andover. In our last report we recommended carrying the outlet sewer through a part of the town of North Andover and discharging the crude sewage directly into the Merrimack River, and were instructed by the town to petition the General Court for an act, giving the town authority to carry out the scheme. The bill, as approved and presented to the Legislature by your Commissioners, was, in their opinion, every way desirable, but in the course of legislation, Section 15 of Chap. 386, Acts and Resolves of the Legislature of Massachusetts for 1895, a copy of which accompanies this report, was introduced through the influence of our representative as an amendment, and incorporated therein.

Inasmuch as the Merrimack River is specially exempt from the operation of the laws relating to the pollution of ponds and rivers, this section is looked upon by your Commissioners as an unjust discrimination against the Town of Andover, and its operation and enforcement liable to create an entirely uncalled-for expense should Andover construct its sewer outlet into the Merrimack. It was therefore deemed advisable to make a careful study of other methods of disposal. Visits were made to Worcester and Brockton to examine the operation of "Chemical precipitation" and of "Broad filtration."

At Brockton we found very large areas used for filtration, and while the result, so far as purification is concerned,

leaves nothing to be desired, first cost and cost of operation preclude the possibility of Andover's adopting this plan.

At Worcester the sewage is received in large settling tanks, after being treated with lime at the outlet of the main sewer. These settling tanks are in series, and any of them may be shut out of the circulation and drawn off at will. At stated periods each tank is shut off and allowed to settle. The liquid is then drawn off through the outlet sewer. The semi-liquid sludge is conducted to small filter beds where it is allowed to stand until it becomes solid, when it is dug out and used as a fertilizer. The effluent from this system discharges directly into the Blackstone River, and analysis shows that 90 per cent of the suspended and 50 per cent of the dissolved matter are removed. There is no odor arising from any part of the disposal works, and its operation is economical.

The State Board of Health do not, however, sanction this method of disposal, so while your Commissioners feel that the effluent from such a system would be purer, both chemically and in appearance, than the water of the Shawsheen River, they hesitate to recommend it as its adoption would be very apt to lead to litigation.

While making these investigations our attention was called by John N. McClintock, A. M., to plans designed by him embodying chemical precipitation and rapid filtration through coarse material, the whole to be under cover and well ventilated. The plan presents many points of merit and ought to prove economical in operation, and if adopted by the town would save in the neighborhood of \$75,000 in cost of construction. It has not, however, been approved by the State Board of Health, nor have we been able to verify the figures for flowage through the filters as designed.

Your Board, therefore, look upon the method as experimental to a certain extent but having features worthy of careful consideration and investigation, and as works will probably be put in operation during the coming summer embodying the main features of this design, recommend that no action be taken by the town regarding disposal until they are in a

position to make a more complete report on this method.

Also, that they be instructed to petition the General Court for an amendment to Chap. 386, Acts of '95, by striking out Sect. 15 of said Act.

Respectfully submitted,

WM. S. JENKINS,	} <i>Sewer Commissioners.</i>
JOHN L. SMITH,	
JOHN E. SMITH,	

Andover, Mass., Feb. 4, 1896.

## SEWERAGE BILL.

[CHAP. 386.]

AN ACT TO AUTHORIZE THE TOWN OF ANDOVER TO ESTABLISH  
A SYSTEM OF SEWERAGE.

*Be it enacted, etc., as follows:*

SECTION 1. The town of Andover may lay out, construct and maintain a system of sewerage and sewage disposal for said town; may take by purchase or otherwise any lands, water rights, rights of way or easements in said town deemed necessary for the establishment of such system of sewerage and sewage disposal and for connections therewith; may establish an annual charge for the privilege of connecting with such system, and may order any or all persons or corporations within the territory covered by said system to dispose of their sewage in said town by connection therewith; and any person or corporation neglecting to comply with such order shall be fined not exceeding twenty dollars for each week's continuance of such neglect.

SECTION 2. Said town may construct and maintain an outlet for its system of sewerage and sewage disposal into the Merrimack river, and for that purpose may take, by purchase or otherwise, a strip of land of sufficient width extending from the boundary line of said town on the easterly side of the Shawsheen river through a portion of the city of Law-

rence and that portion of the town of North Andover west of Railroad street and north of Sutton street to said Merrimack river, and may construct an outlet in such strip through private and other lands, and lay the same under any street, highway or other way or railroad, and may enter upon and dig up any such private lands or other lands, street, highway or other way or railroad in such manner as not unnecessarily to obstruct the same, for the purpose of laying, maintaining and repairing such outlet, and shall leave such streets or ways so dug up in said town of North Andover in a condition satisfactory to the selectmen or road commissioners of said town.

SECTION 3. Said town of Andover may, for the purposes of this act, carry its sewers, drains, pipes and conduits under and along any street, railroad or other way in such a manner as not unnecessarily to obstruct the same, and may do any other thing necessary and proper for said purposes.

SECTION 4. Said town of Andover when it takes any land, water, water rights, rights of way or easements, or other real estate, under the authority of this act, in any other manner than by purchase, shall within sixty days of said taking cause to be recorded in the registry of deeds for the northern district of the county of Essex a description of the same as certain as is required in a common conveyance of land, with a statement that the same are taken under the authority of this act, signed by its sewer commissioners; and upon such recording the title of the lands, water rights, rights, easements and other real estate so described shall vest in said town of Andover.

SECTION 5. No act shall be done under the authority of the preceding sections until said system of sewerage shall have been approved by the state board of health.

SECTION 6. Said town of Andover shall pay all damages sustained by any person or corporation in his or its property by reason of such taking, or by reason of any other thing done by said town of Andover under the authority of this act, and if such person or corporation and town fail to agree as to the amount of damages sustained, such damage shall be

assessed and determined by a jury of the Superior Court in the manner provided by law when land is taken for the laying out of highways, on petition therefor by such person or corporation, or the town, filed in the office of the clerk of said court for the county of Essex at any time within the period of two years from the taking of such land or other property.

SECTION 7. In every case of a petition for the assessment of damages by a jury as aforesaid said town of Andover may offer in court and consent in writing that a sum therein specified may be awarded as damages to the complainant; and if the complainant shall not accept the sum so offered within ten days after he has received notice of such offer, and shall not finally recover a greater sum than the sum so offered and interest thereon to the time of the verdict, said town shall be entitled to recover its costs from the date of the offer; and the complainant, if he recovers damages, shall be allowed his costs only to the date of said offer, unless he recovers a greater sum than the sum so offered and interest thereon to the time of the verdict.

SECTION 8. Said town of Andover in order to carry out the provisions of this act may raise and appropriate in such manner as it shall determine, such sum or sums of money as shall be required therefor, provided the aggregate indebtedness incurred shall not exceed fifty thousand dollars beyond the limit of indebtedness fixed by law for said town; and for money borrowed said town may issue from time to time negotiable bonds, notes or scrip, payable at the expiration of periods not exceeding thirty years from the date of issue and bearing such rate of interest not exceeding five per cent. per annum as said town may determine. Said town may sell such securities at public or private sale, or pledge the same for not less than their par value for money borrowed for the purposes of this act, upon such terms and conditions as it may deem proper.

SECTION 9. The receipts from payments and assessments and from such annual rates for the use of such sewers as said town may by vote establish, after deducting the expenses,



shall be applied, first to the payment of the interest of the bonds, notes or scrip issued under the authority of this act not otherwise provided for, and the balance shall be set apart to meet the requirements of the sinking fund for the payment or redemption of said bonds, notes or scrip, as provided by section nine of chapter twenty-nine of the Public Statutes. If the receipts in any year are insufficient to pay the interest on said bonds, notes or scrip, and to meet the requirements of law as to sinking fund, then in such case the town, to meet said deficiency, shall raise forthwith such sum as will, with said net income, be sufficient to meet such requirements. Said sinking fund shall remain inviolate and pledged to the payment and redemption of said bonds, notes or scrip, and shall be used for no other purpose.

SECTION 10. All acts authorized to be done by said town of Andover in taking lands, water rights, rights of way, easements or other real estate, and in constructing, maintaining and repairing sewers and drains, and in extending the same, and in laying assessments on estates adjudged to be benefited by sewers, whether done under the authority of this act or of general laws, shall be done and performed in the name of said town by its board of sewer commissioners.

SECTION 11. Said town of Andover may at any legal meeting called for the purpose adopt a system of sewerage for the whole or any part of its territory, and may at such meeting determine by vote what proportion of the expense of constructing the same shall be borne by the town. The remaining cost of said system shall be borne by the owners of estates situated within the territory embraced by it and benefited thereby, but no estate shall be deemed to be benefited unless or until a sewer is constructed into which it can be drained. The owners of such estates shall be assessed by said commissioners their proportional parts respectively of such portion of the total cost of said system as is not borne by the town as above-provided; such proportional parts shall be based upon the estimated average cost of all the sewers composing said system and shall be assessed by a fixed uniform

rate according to the frontage of such estates on any street or way in which a sewer is constructed, or according to the area of each such estate within a fixed depth from such street or way, or according to both frontage and area ; and every such owner shall within three months after written notice of such assessment, served on him or on the occupant of his estate or sent by mail to the last address of said owner known to said commissioners, pay the sum so assessed to the town treasurer: *provided*, that said board shall, on the written request of any such owner made within said three months, apportion such assessment into such number of equal parts or instalments, not exceeding ten, as such owner shall state in such request, and they shall certify such apportionment to the assessors ; interest from the date of such apportionment at the rate of five per cent. per annum shall be added to each of said assessments until they are paid, and one of said parts shall be added by the assessors to the annual tax of such estates for each year next ensuing until all said parts have been so added, unless sooner paid as hereinafter provided ; and *provided, further*, that nothing herein contained shall be construed to prevent the payment at any time in one payment, notwithstanding its prior apportionment, of any balance of said assessments then remaining unpaid, but interest on such balance at the rate of five per cent. per annum shall be paid to the date of such payment ; and thereupon the treasurer shall receive the same and shall certify such payment or payments to the assessors, who shall preserve a record thereof. In cases of corner lots abutting on more than one sewered street the same area shall not be assessed more than once. No assessment shall be made with respect to any estate until it can be drained by a sewer. When a sewer has been built running through land other than a street no assessment shall be made as to said land abutting on said sewer until that part thereof occupied by the sewer has been laid out as a street.

SECTION 12. An assessment made under section eleven shall constitute a lien upon the estate, which shall continue for three years after it is made and notice served as above



provided, or, in case of apportionment, until the expiration of two years from the time the last instalment is committed to the collector; and said assessment together with interest at the rate of five per cent. per annum may, with incidental costs and expenses, be levied by sale of such estate or so much thereof as shall be sufficient to discharge the assessments and intervening charges, if the assessment is not paid within three months after service of said notice, or, if apportioned, within three months after any part has become due. Such sale and all proceedings connected therewith shall be conducted in the same manner as sales for the payment of taxes; and real estate so sold may be redeemed the same as if sold for the non-payment of taxes and in the same manner. Such assessment or parts thereof may also be collected by an action of contract in the name of the inhabitants of the town of Andover against the owner of said estate, brought at any time within three years after the same has become due.

SECTION 13. Any person aggrieved by such assessment may, at any time within three months after service of the notice mentioned in section eleven of this act, apply to the superior court for the county of Essex for a jury to revise the same, but before making such application he shall give fourteen days' notice in writing of his intention so to do to the commissioners, and shall therein particularly specify his objection to the assessment, to which specification he shall be confined before the jury.

SECTION 14. The provisions of chapter fifty of the Public Statutes and of acts in amendment thereof and in addition thereto, pertaining to sewers and drains, not inconsistent with this act, shall apply to the town of Andover in carrying out the provisions of this act.

SECTION 15. The state board of health, upon the application of the board of health or selectmen of the town of North Andover, alleging the existence of a public nuisance or the pollution of the waters adjacent to said town into which the effluent of said sewer of the town of Andover is discharged, to such a degree that the public health of said town of North

Andover is endangered, shall appoint a time and place for a public hearing thereon, and give such notice thereof as said board shall deem proper. After such hearing said state board, if in its judgment there is good reason for such complaint, shall order the town of Andover to abate such nuisance, or to cleanse and purify its sewage, before its effluent is discharged into the waters aforesaid, so that the public health shall not be endangered. Any court having jurisdiction in equity may, upon application of the board of selectmen or board of health of said town of North Andover, enforce the orders of said state board of health in the premises by any proper order or decree.

SECTION 16. This act shall take effect upon its passage, but no expenditure shall be made and no liability incurred under the same, except for preliminary surveys and estimates, unless this act shall first be accepted by vote of two thirds of the legal voters of the town of Andover present and voting thereon at a legal meeting called for that purpose within three years from the date of its passage. [*Approved May 14, 1895.*]

## Finance Committee.

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### RECOMMENDATIONS FOR YEAR 1896.

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Schools,	\$19000 00
School-Houses,	2000 00
School-Books and Supplies,	1500 00
Repairs on Highways and Bridges,	3000 00
Macadamized Roads,	4000 00
Sidewalks,	1000 00
Removing Snow,	500 00
Town Officers,	5000 00
Town House,	1000 00
Waterworks, Maintenance,	4700 00
Sinking Fund,	675 00
Fire Department, Running Expenses,	2000 00
New Apparatus and Engine House changes,	3000 00
Horses and Drivers,	3000 00
Street Lighting,	3700 00
Printing and Stationery,	700 00
Spring Grove Cemetery,	200 00
Memorial Day,	200 00
State Aid,	1600 00
Military Aid,	300 00
Expenses of Almshouse,	4000 00
Relief out of Almshouse,	5000 00
Repairs on Almshouse,	500 00
State Tax,	6000 00
County Tax,	5000 00
Abatement of Taxes,	300 00
<i>Amount carried forward,</i>	<i>\$77875 00</i>

<i>Amount brought forward,</i>	\$77875 00
Interest on Notes, Funds, and Bonds,	10000 00
Insurance,	500 00
Hay Scales,	50 00
Miscellaneous,	1500 00
<b>Total,</b>	<u><u>\$89925 00</u></u>

Respectfully submitted, for the Committee,

ARTHUR BLISS,

*Chairman.*

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In addition to the above, the last of the three \$10000 notes of 1893 is to be paid this year, making \$99,925.00.

ARTHUR BLISS,	} <i>Selectmen</i>
SAMUEL H. BOUTWELL,	
JOHN S. STARK,	
	<i>of</i>
	<i>Andover.</i>

## Town Warrant.

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ESSEX, SS: To either of the Constables of the Town of  
Andover. GREETING.

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover, and North Andover so far as relates to the election of Trustees of the Punchard Free School, qualified to vote in town affairs, to meet and assemble at the Town House, in said Andover, on Monday, the Second day of March, 1896, at Nine o'clock, A. M., to act on the following Articles, namely:

Article 1st. — To choose a Moderator to preside at said meeting.

Article 2d. — To choose Town Clerk, Treasurer, Collector of Taxes, One member of the Board of Selectmen, Assessors and Overseers of the Poor for three years, One member of the Board of Health for three years, three members of the School Committee for three years, one Water Commissioner for three years, One Trustee of the Memorial Hall for seven years, one Sewer Commissioner for three years, Trustee of Punchard Free School from the South Parish for two years to fill a vacancy, One or more Auditors of Accounts, Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, a Pound Keeper, and any other officers the town may determine to choose.

Article 3d. — To take action on the following question: "Shall Licences be granted for the Sale of Intoxicating Liquors in this town?"

Article 4th. — To determine what sums of money shall be appropriated for Schools, School-Houses, School Books and Supplies, Highways and Bridges, Sidewalks, Removing Snow, Horses and Drivers, Town Officers, Town House, Hay Scales,

Fire Department, Insurance, Street Lighting, Printing and Stationery, Spring Grove Cemetery, Memorial Day, State Aid, Military Aid, Waterworks, Interest on Bonds, Funds and Notes, State Tax, County Tax, Abatement of Taxes, Alms-house Expenses, Relief out of Alms-house, Repairs on Alms-house, and other town charges and expenses.

Article 5th. — To see if the Town will appropriate a sum of money for the celebration of the 250th anniversary of its incorporation on the request of its Committee of Fifteen.

Article 6th. — To see if the Town will purchase land, remove and remodel the engine house in Ballard Vale, and appropriate a sum of money therefor, on petition of Engineers and others.

Article 7th. — To see if the Town will vote to reconsider the vote taken two years ago authorizing the sale of the J. P. Bradlee steamer, on petition of Charles F. Billington and others.

Article 8th. — To see if the Town will accept the provisions of Chapter 374, Acts of 1895, authorizing the Town to place the administration of their highways under a single highway surveyor, on petition of John E. Smith and others.

Article 9th. — To see if the Town will authorize the Selectmen to appoint a night watch in Ballard Vale and appropriate a sum of money therefor, on petition of Charles H. Shattuck and others.

Article 10th. — To see if the Town will vote to purchase a new ladder truck and appropriate \$1200 therefor, on petition of Engineers and others.

Article 11th. — To hear and act on the reports of the Selectmen, Sewer Commissioners, and other Town Officers.

Article 12th. — To see if the Town will accept the list of names for Jurors prepared and posted by the Selectmen.



Article 13th. — To fix the pay of the Firemen for ensuing year.

Article 14th. — To see if the Town will vote to place a drinking fountain at the junction of Main and Marland Streets and appropriate a sum of money therefor, on petition of the Village Improvement Society.

Article 15th. — To see if the Town will accept the provisions of Chapter 154 of Acts of 1882 as amended by Chapter 240 of the Acts of 1890 relating to public parks.

Article 16th. — To see if the Town will authorize the erection of an additional electric light on Abbott Street and one on Chestnut Street.

Article 17th. — To determine the method of collecting the taxes the ensuing year.

Article 18th. — To see if the Town will appropriate a sum of money to improve Ridge Street.

Article 19th. — To see if the Town will name the street leading from Main past James N. Smart's house Gardner Avenue.

Article 20th. — To see if the Town will appropriate a sum of money to care for the public dump, on petition of the Village Improvement Society.

Article 21st. — To see if the Town will vote to grant the free use of water in case the Village Improvement Society places a fountain in some suitable public place.

Article 22d. — To determine the disposition of unexpended appropriations.

Article 23d. — To see if the Town will appropriate a sum of money to continue the sidewalk on the north side of Summer Street to the house of J. F. Morse.

Article 24th. — To authorize the Treasurer to hire money for the use of the Town, in anticipation of taxes upon the approval of the Selectmen.



Article 25th. — To determine the amount of money to be raised by taxation the ensuing year.

Article 26th. — To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting.

Give under our hands, at Andover, this Thirteenth day of February, in the year one thousand eight hundred and ninety-six.

ARTHUR BLISS,	}	<i>Selectmen of Andover.</i>
SAM'L H. BOUTWELL,		
JOHN S. STARK,		

## Memorial Hall.

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### TWENTY-FOURTH ANNUAL REPORT OF THE BOARD OF TRUSTEES.

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We do not think that the figures of the Librarian's report, appended hereto, lie in their showing of the quiet but effective work of our Public Library during the past year. In round numbers: 14,000 volumes available for reading or reference; 60 different newspapers and magazines on the tables for daily consultation; 200 new names added to the 4,000 previously registered of those privileged to withdraw books; 20,000 books in the aggregate circulated during the year, including 2,200 delivered by special carrier in four school districts of the town. These indicate that the generous purpose of the early founders, as well as of later promoters, of the Library is being carried out, so far as the funds at the disposal of the Trustees permit.

The list of accessions shows, we think, the attempt to provide a wide variety of interesting and helpful reading, preference being given to books suitable for the young and for the common people, without full libraries of their own, for whom especially the Library was designed. It may be suggested as a help towards a wise selection of books that patrons of the Library should oftener fill out the slips, which will be furnished by the Librarian, with the names of desirable volumes, stating the author, publisher, and price. Among the more important reference books added during the year are H. H. Bancroft's Illustrated Book of the World's Fair, in two vol-

umes, and Larned's History for Ready Reference, in five volumes.

By a change in the Regulations the Library is now open for the delivery of books on Wednesday, the same as on other week days: viz., from 9 to 10 o'clock A. M., from 3 to 5.30 and 7 to 9 P. M. The Reading Room is also open on every week day during the same afternoon hours, and in the morning from 8.30 to 12 o'clock.

The card catalogue, referred to in the last annual report as in progress of preparation under the direction and at the expense of Mrs. John Byers of Andover, was presented to the Library in October last, and its three separate classifications of books, by authors, by titles, and by subjects, have already proved of great convenience to the patrons of the Library. Printed lists of accessions made from time to time to the catalogue are kept on the tables. The great present need of the Library in this line is a new printed catalogue, for which there are no available funds. Is it too much to hope that some public-spirited citizen may carry forward the generous work begun by Mrs. Byers, and provide for this need?

Another long-felt need of the Library, namely, the keeping of the works of reference where they would be more readily accessible has been met by the fitting up of one of the ante-rooms for the purpose, the same to be called the *Cornell Reference Room*. In that room are to be placed the more important reference books already in possession of the Library, and such other works of art and history as may be purchased under the bequest of the late Mr. John Cornell, this collection to be called the *Cornell Art and Historical Collection*. A crayon portrait of Mr. Cornell is soon to be placed in the Library.

It has been thought proper in connection with the approaching two hundred and fiftieth anniversary of our town to suggest the Memorial Hall as an appropriate depository for articles of historical value. Such memorials of the past the Trustees would undertake to preserve for the future, placing

papers of interest, written or printed, with the names of the donors in scrap-books or portfolios, to be kept in the Cornell Collection.

Respectfully submitted,

JOSEPH W. SMITH,  
FRANCIS H. JOHNSON,  
E. KENDALL JENKINS,  
JAMES B. SMITH,  
JOSEPH A. SMART,  
GEO. W. FOSTER,  
C. C. CARPENTER,

TRUSTEES.

ANDOVER, Feb. 12, 1896.

This certifies that we have examined the Treasurer's account, and find the same correctly cast and properly vouched.

JAMES B. SMITH,  
E. KENDALL JENKINS,

COMMITTEE OF ACCOUNTS.

ANDOVER, Jan. 27, 1896.

## JOSEPH A. SMART, TREASURER OF MEMORIAL HALL

## INCOME.

To cash balance from last account,	\$1085 42
Interest on Town Notes,	1400 00
Interest on Mortgage,	250 00
Interest on Savings Bank deposits,	395 16
Receipts from Fines and Rents,	62 60
Dog Tax, Town Treasurer,	551 67

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 \$3744 85

## IN ACCOUNT WITH THE TOWN OF ANDOVER.

## RECEIPTS.

Ballard Holt, salary,	\$720 00
James O. Bradshaw, salary,	87 00
Little, Brown & Co., books,	368 03
C.. A. Nichols & Co., books,	30 00
Massachusetts Total Abstinence Society, books,	9 73
D. Appleton & Co., books,	10 00
M. C. Webster, books,	1 00
E. B. Hall, books,	35 00
H. H. Thompson, books,	3 88
C. E. Smith, books,	90
John N. Cole, books,	94
John N. Cole, periodicals,	117 80
J. H. Chandler, papers,	20 23
C. P. Chase, Papers,	11 70
Andover Press, papers,	4 00
Orange Judd Co., papers,	2 00
J. F. Barnard & Co., binding,	110 13
John N. Cole, supplies,	3 30
Andover Press, printing,	94 20
Smith and Manning, supplies,	4 45
Andover Electric Company, lighting,	125 03
Insurance,	207 50
F. E. Gleason, coal,	137 50
Henry K. Flint, carrier,	20 00
F. C Way carrier	28 00
Hardy & Cole, labor,	7 15
D. McCarthy, labor,	1 50
D. Carey, labor,	2 50
Ballard Holt, sundries,	48 53
B. B. Tuttle, express,	7 75
George Saunders, labor,	13 07
J. E. Whiting, labor,	2 50
Postage and expenses,	2 00
Edward Adams, sprinkling street,	10 00
	<hr/>
	\$2,247 82
Cash on hand,	1497 53
	<hr/>
	\$3,744 85

## REPORT OF LIBRARIAN.

*To the Trustees of the Memorial Hall Library:*

GENTLEMEN,—The Librarian's Report for the library year 1895 is herewith respectfully submitted.

## Comparative Statistics.

	1894.	1895.
Increased by purchase,	239	273
Increased by gift,	57	55
Increased by binding periodicals,	43	50
Total number of volumes in the Library,	13,448	13,826
Pamphlets presented during the year,	212	133
Total number of pamphlets in the Library,	7393	7526
Number of days the Library was open,	251	250
Number of volumes delivered:		
General delivery,	20,266	18,117
Abbot District,	263	206
Bailey District,	915	958
North District,	269	212
Osgood District,	983	821
	22,696	20,314
Largest daily issue,	233	209
Largest weekly issue,	613	585
Average daily issue,	90	81
Per-centage of juvenile and fiction circulated,	80	78½
Number of volumes lost and paid for,	2	2
Number of postals sent for books overdue,	977	1022
New names registered,	269	198
Total number of names registered,	5751	5949
Number of volumes covered anew,	1253	1379
Number of volumes bound,	160	266
Average daily attendance in Reading-room,	67	65
Volumes delivered for use in Reading-room,	733	712
Amount of fines collected,	\$53 18	\$54 96
Amount received for use of books,	4 24	6 16
Amount received for lost book.		1 00
Received for shelf pins,		48



## List of Donors.

	Vols.	Pamp.	Pap's
Abbot Courant.		1	
Andover, Town of.	2		
Boston Public Library.		1	
Brewer, David H. Boston, Mass.	1		
Briggs, N. A. Shaker Village, N. H.		12	
Cambridge Public Library.		1	
Carpenter, Rev. C. C.		2	
Clarke, Miss Sarah F.	6		
Concord Free Public Library,	1		
Daniels, George H. New York, N. Y..	1		
Fall River Public Library.		1	
Fearing, Andrew C. Boston, Mass.	1		
Foster, Herbert B.,	4		
Gage, Hon. George F. Lawrence, Mass.	3		
Jenkins, E. Kendall.		1	
Lawrence Public Library.		3	
Massachusetts, Commonwealth of.	16	1	
Middleton, David.	9		
Middleton, Miss Jennie.		2	
Newbury Library, Chicago, Ill.		1	
Newton Free Library.		1	
Osgood, L. Edgar. North Andover, Mass.	3		
"Our Dumb Animals" 1895.			12
Palmer, Rev. Frederic.		12	
Peabody Institute. Peabody, Mass.		1	
Peck, George G. New York, N. Y.	1		
Phillips, Albert M. Auburn, Mass.	1		
Salem Public Library.		1	
Stevens, Hon. Moses T. North Andover, Mass.	139	14	
Taylor, Prof. John Phelps.	168	11	
Travellers' Insurance Co. Travellers' Record, 1895.			12
United States Government.	20	61	
Warren, Henry Dexter. Boston, Mass.	1		
Watertown Public Library.		1	
Watkins, Walter K. Boston, Mass.		2	
Whitney, Charles C. Marshall, Minn.			52
Winthrop Public Library,		1	
Worcester Free Public Library.		1	
	377	133	76

**Other Donations.**

Foster, Mrs. Wm. Phillips. Treasurer's box belonging to the "Friendly Fire Society" of Andover.

Smith, John L. Marker carried by the 35th Regiment Mass. Vols. during the Rebellion.

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During the year forty-six volumes have been withdrawn, and replaced with new ones.

Three numbers each of the Boston Post, Harper's Bazar, and Illustrated American, two each of Andover Townsman and Harper's Weekly, one each of Boston Journal, Transcript, Traveler, Catholic World, Century, Cosmopolitan, Lawrence American, New England Magazine, and Scribner's Magazine have been taken from the Reading-room.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 7, 1896.

MEMORIAL HALL LIBRARY.

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LIST OF ACCESSIONS

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BULLETIN No. 15, 1895

## LIST OF ACCESSIONS, 1895.

## A.

Abbot, Willis J. Battle-fields and victory.	162.12
Abbott, John S. C. Miles Standish, captain of the Pilgrims.	1758.6
Adams, Charles Kendall. Manual of historical literature.	Ref.
Alden, Henry Mills. A study of death.	1727.2
Allibone, Samuel Austin. Prose quotations from Socrates to Macaulay.	Ref.
American Naturalist. Vol. 28. 1894.	1423.9
Andover Townsman. Vol. 8. 1895.	Ref.
Apthrop, William Foster. Musicians and music lovers, and other essays.	478.12
Arthur, Timothy Shay. Ten nights in a bar-room.	1945.16
Atkinson, Philip. Electricity for everybody: its nature and uses explained.	421.26
Atlantic Monthly. Vols. 74, 75. 1894-95.	1313.14 1413.1

## B.

Baker, Mrs. Woods. Pictures of Swedish life : or, Svea and her children.	1753.14
Bain, R. Nisbet. Hans Christian Andersen : a biography.	1753.22
Balfour, Arthur James. The foundations of belief: being notes introductory to the study of theology.	473.22
Bancroft, Hubert Howe. The book of the fair : an historical and descriptive presentation of the Columbian Exposition at Chicago, in 1893. 2 vols.	Ref.
Beazley, Charles Raymond. Prince Henry, the navigator: the hero of Portugal and of modern discovery. 1394-1460. A. D.	1258.5
Bellamy, William. A century of charades.	1217.19
Black, William. In silk attire.	712.25
Blackwood's Edinburgh Magazine. Vols. 156, 157. 1894-95.	1435.8-9
Blair, Eliza Nelson. Lisbeth Wilson : a daughter of New Hampshire hills.	1923.22
Bolles, Albert Sidney. Financial history of the United States. 1861-1885. Vol. 3.	341.10
Boyd, Andrew K. H. St. Andrews and elsewhere : glimpses of some gone, and of things left.	1221.17
Boynton, Henry Van Ness. The national military park, Chickamauga-Chattanooga : an historical guide.	1741.13

Brehart, Alfred de. Jean Belin: the French Robinson Crusoe.	1918.7
Brewer, David H. Adventures in fairyland.	1848.5
Brooks, Noah. Abraham Lincoln, and the downfall of American slavery. [Heroes of the nations.]	1258.9
Short stories in party politics.	1723.1
Washington in Lincoln's time.	1745.11
Brown, Alice. Meadow-grass: tales of New England life.	743.26
Buckley, James Munroe. Travels in three continents: Europe, Africa, Asia.	1763.7
Burdette, Robert Jones, and others. Before he is twenty; five perplexing phases of the boy question considered.	415.27
Burnham, Clara Louise. Sweet clover: a romance of the white city.	1923.21
The wise woman.	1923.24
Burnett, Frances Hodgson. Two little pilgrims' progress: a story of the city beautiful.	847.31
Burroughs, John. Riverby.	1766.3
Bush, James Smith. The evidence of faith.	474.27

## C.

Call, Annie Payson. As a matter of course.	1767.13
Carpenter, Mary Thorne. In Cairo and Jerusalem: an Eastern note-book.	1765.22
Cary, Edward. George William Curtis. [American men of letters.]	456.21
Century Magazine. Vols. 26, 27. 1894-95.	1337.4-5
Chellis, Mary Dwinell. Old benches with new props.	1965.5
Cheney, Elisha. Alcohol inside out, from bottom principles: facts for the millions.	1247.5
Cholmondeley, Mary. The Danvers jewels: Sir Charles Danvers.	1932.15
Clafin, Mary Bucklin. Under the old elms.	1746.2
Clark, Thomas March. Reminiscences.	1755.20
Clyde, Henry. Pleasure cycling.	1452.9
Coffin, Charles Carleton. Daughters of the Revolution, and their times, 1769-1776: a historical romance.	1947.5
Coleridge, Samuel Taylor. Letters: Edited by E. H. Coleridge.	1753.17-18
Anima poetæ: from unpublished note books. Edited by E. H. Coleridge.	1753.21
Contemporary Review. Vols. 66, 67. 1894-95.	1126.10-11
Cornhill Magazine. New series. Vols. 23, 24. 1894-95.	1135.6-7
Cosmopolitan, The. Vols. 17-18. 1894-95.	1137.4-5
Cox, George W. The Greeks and the Persians.	455.10
Cox, Palmer. The Brownies through the Union.	881.29

Crawford, Francis Marion. Constantinople.	1745.12
The Ralstons. 2 vols.	1962.12-13
Creighton, Mandell. History of the papacy during the period of the Reformation. Vol. 5. The German revolt, 1517- 1527.	1225.9
Crockett, S. R. Bog-myrtle and peat.	1914.16
The men of the moss-hags.	1914.17
Curteis, Arthur M. Rise of the Macedonian Empire.	455.11
Curtin, Jeremiah. Hero tales of Ireland.	1942.5
Curtis, George William. Literary and social essays.	333.25
Cushing, William. Initials and pseudonyms: a dictionary of lit- erary disguises. 1st series.	Ref.

## D.

Davidson, J. L. S. Cicero, and the fall of the Roman Republic.	1258.8
Davis, Richard Harding. About Paris.	1767.15
DeFoe, Daniel. Journal of the Plague year. Edited by George R. Carpenter.	1744.16
Deland, Margaret. Philip and his wife.	1943.6
Dodge, Mary Abigail. Biography of James G. Blaine.	1753.20
Dorr, J. C. R. The flower of England's face: sketches of En- glish travel.	1765.26
Dorsey, Mrs. Sarah Anne. Athalie.	1941.1
Douglass, Frederick. Life and times.	1757.17
Dougall, Lily. Beggars all: a novel.	1933.20
A question of faith.	1933.21
Doyle, Arthur Conan. Adventures of Sherlock Holmes.	1953.21
The great shadow: a novel.	1953.22
The parasite: a story.	1953.23
The refugees; a tale of two continents.	1953.24
The white company.	1953.20
Dumas, Alexandre. Count of Monte Cristo. 4 vols.	1915.8-11
The three musketeers. 2 vols.	1915.12-13
Dwight, Theodore F., <i>editor</i> . Critical sketches of some of the Federal and Confederate commanders.	1753.19

## E.

Earle, Alice Morse. Colonial dames, and good wives.	1758.10
Margaret Winthrop.	1758.9
English Illustrated Magazine. Vols. 12, 13. 1894-95.	1315.3-4

## F.

Farrar, Frederick William. Gathering clouds: a tale of the days of St. Chrysostom.	1924.5
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Farrar, Frederick William. Julian Holmes: a tale of college life.	1924.4
The life of Christ as represented in art.	411.17
St. Winifred's: or the world of school.	1924.2
Field, Eugene. Love-songs of childhood.	1733.6
Field, Henry Martyn. Our western archipelago.	1764.10
Finley, Martha. Elsie's journey on inland waters.	726.20
Fiske, John. Outlines of cosmic philosophy: based on the doctrine of evolution, with criticisms on the positive philosophy. 2 vols.	1713.2-3
The unseen world, and other essays.	1713.4
Forum, The. Vols. 18, 19. 1895.	1124.7-8
Freeman, Edward Augustus. History of the Norman Conquest in England. Vol. 6. Index.	253.20
Froude, James Anthony, Life and letters of Erasmus: letters delivered at Oxford, 1893-4.	1753.12

## G.

Gardner, Alice. Julian, philosopher and emperor, and last struggle of paganism against Christianity.	1258.10
George, Hereford B. Battles of English history.	1748.11
Gibson, Louis H. Beautiful houses: a study in house building.	1731.2
Gladden, Washington. Ruling ideas of the present age.	1728.5
Glascoek, W. H. Stories of Columbia.	1948.7
Good Words. 1894.	1316.8
Goodloe, Abbe Carter. College girls.	1943.7
Goodwin, Maud Wilder. The colonial cavalier: or southern life before the Revolution.	1744.8
The head of a hundred: account of certain passages in the life of Humphrey Huntoon, Esq., some time an officer in the colony of Virginia.	1945.9
Gordon, George A. The Christ of to-day.	1728.4
Graham, P. A. Country pastimes for boys.	1722.3
Grant, Robert. The art of living.	1767.16
The bachelor's Christmas, and other stories.	1945.17
Green, John Richard. Short history of the English people. 4 vols.	1741.9-12
Greene, Frederick Davis. The Armenian crisis in Turkey: the massacre of 1894, its antecedents and significance.	1744.11

## H.

Hapgood, Isabel Florence. Russian rambles.	1764.11
Hargreaves, William. Alcohol and science: or alcohol, what it is, and what it does.	1247.6
Harper's New Monthly Magazine. Vols. 89, 90. 1894-95.	1173.4-5



Harper's Young People. 1894.	772.4
Harris, Joel Chandler. Little Mr. Thimblefinger and his queer country : what the children saw and heard there.	1956.4
Mr. Rabbit at home : sequel to Little Mr. Thimblefinger and his queer country.	1956.5
Harte, Francis Bret. Clarence.	867.33
Hassall, Arthur. Louis XIV, and the zenith of the French monarchy.	1258.11
Hawkins, Anthony Hope. The prisoner of Zenda : three months in the life of an English gentleman. By Anthony Hope.	859.27
Hector, Annie French. For his sake : a novel.	1957.6
Henderson, William J. Afloat with the flag.	1948.6
Six yarns for boys, spun by an Old Salt.	1948.4
Henry, Mrs. S. M. I. Afterward : a sequel to Beforehand.	1965.4
Beforehand.	1965.3
Henty, George Alfred. A knight of the white cross.	1925.8
Through Russian snows.	1925.10
The tiger of Mysore.	1925.9
Herrick, Christine Terhune. The chafing-dish supper.	1217.20
Hodgkin, Thomas. Theodoric, the Goth ; the barbarian champion of civilization.	1258.6
Holcombe, Chester. The real Chinaman.	1753.16
Hooker, Joseph Dalton. Botany. [Science primers.]	378.26

## I.

Illustrated American. Vols. 16, 17. 1894-95.	1446.4-5
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## J.

Jackson, George Anson. The Apostolic fathers, and the apologists of the second century. [Early Christian Literature primers.]	1712.2
The fathers of the third century. [Early Christian Literature primers].	1712.3
The post-Nicene Greek fathers. [Early Christian Literature primers.]	1712.5
The post-Nicene Latin fathers. [Early Christian Literature primers.]	1712.5
Jevons, William Stanley. Logic. Science primers,	378.27
Jewett, Sarah Orne. The life of Nancy.	718.35
Judd, John R. Always strong and happy : system of treatment for the care of the body, with the development of the muscular system.	1721.2

## K.

- Kerr, Norman. Inebriety, or narcomania : its etiology, pathology, treatment and jurisprudence. 1245.1
- Kimball, Arthur Reed. The blue ribbon : what Thomas Edward Murphy has done for the promotion of personal temperance. 1247.8
- Kimball, Lucia E. F. Faith Hayne : a story. 1965.11
- King, Charles. The story of Fort Frayne. 1928.14
- King, Edward. Under the red flag : or the adventures of two American boys in the days of the commune. 1928.13
- Kipling, Rudyard. The jungle book. 678.25
- The second jungle book. 678.26
- Knox, Thomas Wallace. In wild Africa : adventures of two youths in a journey through the Sahara desert. 1961.5

## L.

- Lang, Andrew. A monk of Fife : a romance of the days of Jeanne D'Arc. 1933.22
- Larned, J. N. History for ready reference. 5 vols. Ref.
- Latimer, Elizabeth W. Europe in Africa in the nineteenth century. 1744.13
- Lawrence American and Andover Advertiser. 1894. Ref.
- Lawrence, Mrs. Margaret Woods. Marion Graham : or higher than happiness. 1923.23
- Littell's Living Age. Vols. 202-206. 1894-95. 1065.7-11
- Lockyer, Joseph Norman. Astronomy. [Science primers.] 378.25
- Lodge, Henry Cabot, and Roosevelt, Theodore. Hero tales from American history. 1744.14
- Love, William de Loss. The Fast and Thanksgiving days in New England. 1744.6
- Lowell, James Russell. Last poems. 336.22
- Ludlum, Jean Kate. Barclay's daughter. 1965.6
- Lummis, Charles F. The man who married the moon, and other Pueblo Indian folk-stories. 1916.9

## M.

- Mabie, Hamilton Wright. My study fire. 2 vols. 1236.22-23
- MacDonald, George. Alex. Forbes of Howglen. 1917.4
- Lilith : a romance. 1917.5
- Maclaran, Alexander. A year's ministry. 1st series. 477.19
- McMaster, John Bach. History of the people of the United States, from the Revolution to the Civil War. Vol. 4. 341.14
- Manufacturer and Builder. Vol. 26. 1894. 1353.22
- Mason, Edward T., editor. Personal traits of British authors : Wordsworth, Coleridge, Lamb, Hazlit, Leigh Hunt, Proctor. 332.25

## Massachusetts :

*Legislative documents.*

Journal of the House of Representatives, 1895.	1073.7
Journal of the Senate, 1895.	1071.7
Manual of the General Court, 1895.	Ref.

*Miscellaneous documents.*

Board of Education. Fifty-eighth annual report. 1895.	917.17
Board of lunacy and charity. Sixteenth annual report. 1895.	1036.30
Supreme Judicial Court. Reports of cases argued and determined. [Massachusetts reports. Vol. 161.] March to June, 1894.	967.15
Massachusetts year book, and city and town register. 1895. Compiled by Alfred S. Roe.	*567.4
Matthews, Brander. The royal marine : an idyl of Narragansett Pier.	859.26
Minot, Henry D. Land birds and game birds of New England.	1274.7
Mitchell, Donald G. English lands, letters, and kings. Vol. 3. Queen Anne and the Georges.	1224.27
Moore, Joseph West. American Congress : a history of national and political events. 1774-1895.	1744.12
Mummary, A. F. My climbs in the Alps and Caucasus.	1741.15
Munroe, Kirk. The fur seal's tooth : a story of Alaskan adventure.	1918.6
Snow shoes and sledges : sequel to the fur seal's tooth.	1918.8
Murfree, Mary N. The phantoms of the foot-bridge, and other stories.	1926.3
Musical Visitor. Vol. 23. 1895.	1354.19

## N.

Nation, The. Vols. 59, 60. 1894-95.	1444.4-5
New York Central's health and pleasure resorts. 1895.	1764.9
Noble, Annette L. Miss Roberts' lodgers in a little Welsh town. Summerwild.	1965.8 1965.9
Norman, Henry. Peoples and politics of the far east.	1763.9
North American Review. Vols. 159, 160. 1894-95.	1152.4-5

## O.

Oliphant, Mrs. Margaret O. W. The story of a governess.	1966.6
The victorious age of English literature. 2 vols.	1235.18-19

## P.

Parkhurst, Rev. Charles H. Our fight with Tammany.	415.28
Parkhurst, Howard Elmore. The birds' calendar.	1274.6

Pater, Walter. Greek studies : a series of essays prepared for the press by C. L. Shadwell.	1724.4
Miscellaneous studies : a series of essays.	1724.5
Perry, Nora. A flock of boys and girls.	811.27
Phillips, Albert Merritt. Phillips genealogies.	*583.11
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Stearns, Albert. Chris and the wonderful lamp.	1931.15
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Stoddard, Charles Augustus. Cruising among the Caribbees.	1765.25
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TOWN OF ANDOVER

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SEVENTH

ANNUAL REPORT

OF THE

WATER COMMISSIONERS

FOR THE FINANCIAL YEAR ENDING

JANUARY 15, 1896

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ANDOVER, MASS.:  
THE ANDOVER PRESS, PRINTERS,  
1896



# REPORT.

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*To the Citizens of Andover :*

Your Board of Water Commissioners submit their seventh annual report for the year ending January 15, 1896 :

Applications as per last report,	677
Received during the year,	52
Received for Water Rates, 1894,	\$8378 44
“ “ “ “ 1895,	8434 15
Operating expenses, 1894,	\$4580 73
“ “ 1895,	4380 13

Owing to depression in business in Ballardvale, the receipts from that quarter were considerably less than formerly ; aside from this, the usual increase is apparent and the general result very gratifying.

The supply as usual has been abundant. Although a very dry season, the Pond fell but a few inches below the normal level of other seasons. The quality has been some better than usual ; not a single complaint has been made of any unpleasant taste or odor which has been the case in former years at certain periods.

In April your Board invited proposals from several reliable builders for furnishing a high duty pumping engine, for which the town at the last annual meeting authorized an issue of bonds. The urgent necessity for a new pump was laid before you in the last annual report of the Superintendent.

Six different builders responded with fifteen proposals, each having submitted several of similar design and construction but of different capacity and duty, and all represented either by the builders themselves or their authorized agents.

After due consideration of the several designs, etc., the contract was awarded to the Deane Pump Works of Holyoke,

Mass., whose bid was the lowest for what was deemed the best design and best adapted to the purposes required and the most satisfactory to your Board and Superintendent.

By the terms of the contract the parties were to construct, set up in position, ready for service according to the terms of the specifications, a pump designated in their proposal which should develop a specified duty for \$9296.00

This pump is of the vertical type, new in design, and embraces many new features and the latest improvements in this class of machinery. A description may be found in the report of the Superintendent.

The task of putting in the foundations for the new pump, which, by the terms of the contract, the town was to furnish, proved to be not only an expensive but rather hazardous undertaking. In excavating, Superintendent Smith encountered at a certain depth quicksand and water which at one time seriously threatened the foundations of the building and bid fair to cause serious trouble. This was, however, finally overcome by cribbing near the walls, and with an abundance of gravel, cement, and small stones a suitable hard bottom was secured for the larger stones and granite blocks which were to follow. It is all right, and pronounced by competent judges to be solid and substantial and fully capable of withstanding the weight and jar of the fifty tons of machinery it is to support. The cost was \$2990.03, which includes the necessary changes in steam and water piping.

By virtue of the power vested by the Legislature, (Act of 1887,) the town took possession, August 22, of the two islands lying in Haggetts' Pond.

We ask for an appropriation of \$4400 for maintenance and \$300 for repairs on the old pump. Also \$675 for the different sinking funds.

In the future as in the past, there will be repairs to be made, extensions to street lines required, and many other requisites incident to all systems of waterworks which will require an annual outlay, but with the new pump in commission, the other as a spare in case of emergency, your

street lines all right, the reservoir in perfect condition, the time has come when large expenditures will not be required, and we feel confident that with the abundant supply and purity of the water, the improved pumping plant, the works all in good condition, there is no better system in any town in this commonwealth at the present time.

JOHN H. FLINT,	}	<i>Board of Water Commissioners.</i>
J. P. BUTTERFIELD,		
FELIX G. HAYNES,		

## SINKING FUND.

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The Sinking Fund Commissioners present the following report:

### ISSUE OF 1890.

To redeem bonds Nos. 151 to 160 inclusive.	
To balance Jan. 15, 1895,	\$1920 02
Received from Town of Andover,	150 00
Received from interest from Andover Savings Bank,	45 81
Received from interest from Essex Savings Bank,	30 62
Received from interest from City Institution for Savings, of Lowell,	10 67
	<u>\$2157 12</u>

Invested as follows :

Deposited in Andover Savings Bank,	\$1053 17
Deposited in Essex Savings Bank,	788 77
Deposited in Lowell Institution for Savings,	315 18
	<u>\$2157 12</u>

### ISSUE OF 1892.

To redeem bonds Nos. 161 to 170 inclusive.	
To balance Jan. 15, 1895,	\$674 55
Received from Town of Andover,	150 00
Received from interest from Broadway Savings Bank,	30 24
	<u>\$854 79</u>

Invested as follows :

Deposited in Broadway Savings Bank,	\$854 79
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## ISSUE OF 1893.

To redeem bonds Nos. 171 to 180.	
To balance Jan. 15, 1895,	\$160 71
Received for premiums on bonds,	210 00
Received from interest from Andover Savings Bank,	12 57
Received from interest from Central Savings Bank,	2 10
Received from Town of Andover,	150 00
	<hr/>
	\$535 38

Invested as follows :

Deposited in Andover Savings Bank,	\$323 28
Deposited in Central Savings Bank,	212 10
	<hr/>
	\$535 38

## ISSUE OF 1895.

To redeem bonds Nos. 181 to 195 inclusive.	
Received for premiums on bonds,	\$450 00
Invested as follows :	
Deposited in Haverhill Savings Bank,	\$450 00

JOHN H. FLINT,	}	<i>Sinking Fund</i>
J. P. BUTTERFIELD,		
FELIX G. HAYNES,		
		<i>Commissioners.</i>



## FINANCIAL STATEMENT.

### RECEIPTS.

Smith & Dove M'f'g Co., laying pipe,	\$774 15
Hardy & Cole, laying pipe,	44 40
John H. Flint, laying service pipe, etc.,	93 43
H. H. Tyler, changing pipe,	10 51
Geo. Saunders, pipe and fittings,	6 92
A. S. Manning, removing stump,	6 08
T. Howard, labor,	2 72
South Church Society, examination church,	5 00
Jos. T. Lovejoy, grass on reservoir lot,	5 00
Turning on water,	4 00
John Riley, repairing pipe,	1 25
Jas. Grosvenor, repairing meter,	1 25
Various parties, service pipe and meters,	1420 15
Water rates,	8434 15
	<hr/>
	\$10809 01

Paid Town Treasurer,	
Water rates,	\$8434 15
Pipe account,	2374 86
	<hr/>
	\$10809 01

### MAINTENANCE.

John E. Smith, superintendent,	\$528 45
George W. Chandler, coal and teaming,	1206 69
George W. Spickler, engineer,	600 00
Herbert M. Wright, fireman,	375 00
	<hr/>
<i>Amount carried forward,</i>	\$2710 14

<i>Amount brought forward,</i>	\$2710 14
Wm. H. Higgins, board of horse,	120 00
S. Peterson, fireman,	79 50
George E. Hussey, clerk and foreman,	303 33
Ludlow Valve Co., valve and hydrants,	74 92
Hardy & Cole, lumber,	70 06
B. & M. R.R., freight,	55 87
Frank R. Goodwin, labor,	43 99
Andrew Hurley, labor,	39 25
Andrew Moynahan, labor,	35 06
William G. Goldsmith, stamps and box rent,	34 00
O. B. Howarth, labor,	33 42
Anderson & Bowman, horse-shoeing and iron work,	36 80
J. Albert Walker, coal,	220 32
Treat Hardware & Supply Co., oil packing, etc.,	31 07
Jos. Bourdelais, teaming,	29 16
Michael Moynahan, labor,	23 09
Martin Duggan, labor,	20 87
Andover Press, printing and stationery,	25 50
Star Brass M'f'g Co., repairing engine counter,	25 00
Edward McCabe, boiler work,	57 72
J. W. Moore, painting wagons,	34 75
E. W. Bigelow, oil,	30 00
John Schofield, labor,	17 50
W. Butterfield, fireman,	15 75
Clarence Goldsmith, fireman,	12 00
John N. Cole, stationery,	11 39
Cutting Bardwell & Co., lumber,	12 00
George F. Blake M'f'g Co., pump springs,	12 00
F. G. Haynes, rubber boots and supplies,	9 60
Benjamin Brown, rubber boots,	7 00
Gilchrist & Taylor, pipe and fittings,	13 62
Perrin Seamens & Co., tape and pump diaphragm,	5 47
A. W. Caldwell, painting,	11 00
E. Pike, fittings,	6 83
L. M. Crane, oil,	3 25
<i>Amount carried forward,</i>	<u>\$4271 23</u>

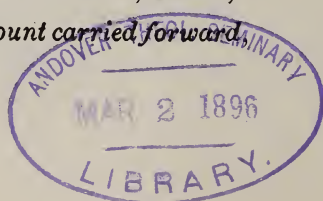
<i>Amount brought forward,</i>	\$4271 23
George Saunders, fittings,	2 80
C. E. Knowlton, repairs on wagons,	4 00
A. J. Shaw, papering and kalsomining,	6 00
Ball & Mullen, wall paper,	4 65
Smith & Manning, oil and matches,	2 61
Dr. J. F. Richards, labor,	1 60
C. F. Mayer & Son, whips,	1 00
American Express, express,	1 05
W. F. Rutter, fittings,	90
Brown's Express, express,	40
J. O'Connell, setting box,	35
F. E. Gleason, wood,	50
Henry McLawlin, paint and hardware,	6 70
National Meter Co.; meter clock,	2 00
Patrick McMullen, labor,	3 40
John Moynahan, labor,	5 44
Thompson Meter Co., disk,	1 25
A. Palm, wood,	80 40
Henry P. Noyes, repairing table,	35
	<hr/>
	\$4396 63

## CREDIT, MAINTENANCE.

South Church Society, examination at church,	5 00
Joseph T. Lovejoy, grass at reservoir lot,	5 00
Turning on water,	4 00
John Riley, repairing pipe,	1 25
James Grosvenor, repairing meter,	1 25
	<hr/>
	\$16 50

## SERVICE PIPE.

Lead Lined Iron Pipe Co., pipe and fittings,	\$574 13
Gilchrist & Taylor, pipe and fittings,	239 80
Thomson Meter Co., meters,	202 80
<i>Amount carried forward</i>	<hr/>
	\$1016 73



<i>Amount brought forward,</i>	\$1016 73
John E. Smith, superintendent,	201 14
Andrew Hurley, labor,	175 55
Michael Moynahan, labor,	146 65
Andrew Moynahan, labor,	134 99
Hersey Meter Co, meters,	126 75
John Moynahan, labor,	99 97
George E. Hussey, foreman,	91 00
John Schofield, labor,	87 60
National Meter Co., meters,	123 50
Metropolitan Meter Co., meters,	70 40
Wm. H. Higgins, board of horse,	76 00
Frank R. Goodwin, labor,	31 35
David Welch, labor,	24 50
Anderson & Bowman, iron work,	24 50
Patrick Lynch, labor,	19 73
B. Pike,	18 74
Joseph O'Brien,	21 43
Boston Lead M'fg Co., lead pipe,	17 41
G. W. & F. Smith, iron posts,	16 00
Weir Water Meter Co., meter,	15 40
Wm. J. Butterfield, foreman,	18 00
B. & M. R. R. Co., freight,	13 25
Wm. Casey, labor,	11 20
George Saunders, pipe and fittings,	5 98
Daniel Cronin, labor,	5 00
The Fairbanks Co., valve,	4 80
Daniel Dennehy, labor,	2 40
Smith & Manning, oatmeal, oil, etc.,	2 28
American Express, express,	2 05
Wm. Wood, setting glass,	2 00
Sumner & Goodwin, stop cocks,	2 00
Geo. H. Sampson, platinum fuses,	1 64
H. McLawlin, hardware,	2 70
W. F. Rutter, flanges,	1 00
Hardy & Cole, lumber,	74
B. Cummings, lumber,	41
<i>Amount carried forward,'</i>	<u>\$2614 79</u>

<i>Amount brought forward,</i>	\$2614 79
Walworth M'f'g Co., fittings,	1 28
Brown's Express, express,	1 70
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	\$2617 77
	<hr/>

## CREDIT, SERVICE PIPE.

John H. Flint, laying service pipe, etc.,	93 43
H. H. Tyer, changing pipe,	10 51
Geo. Saunders, pipe and fittings,	6 92
A. S. Manning, removing stump,	6 08
T. Howard, labor,	2 72
Various parties, service pipe and meters,	1420 15
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	\$1539 81
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## PIPE DISTRIBUTION.

South Pittsburg, Iron Works, pipe and specials,	\$661 44
B. & M. R. R. Co., freight,	304 95
Ludlow Valve Co., valves and hydrants	162 90
John E. Smith, superintendent,	151 07
Andrew Hurley, labor,	130 80
Michael Moynehan, labor,	115 54
John Schoffield, labor,	98 18
Andrew Moynehan, labor,	96 83
John Moynehan, labor,	71 94
Gutterson & Gould, lead,	122 70
Geo. W. Chandler, teaming,	50 00
Walworth M'f'g Co., special casting,	34 52
Wm. J. Butterfield, foreman,	36 00
Mike Laughlin, labor,	34 24
Davis & Farnham, special castings,	37 10
O. B. Howarth, labor,	32 50
Dennis Lane, labor,	27 37
	<hr/>
<i>Amount carried forward,</i>	\$2168 08

<i>Amount brought forward,</i>	\$2163 08
James O'Brien, labor,	37 76
Philip Purcell, labor,	28 80
John McLaughlin, labor,	27 02
Dennis Callahan, labor,	29 44
Frank R. Goodwin, labor,	23 85
George E. Hussey, foreman,	20 33
John Croston, labor,	20 80
Anderson & Bowman, iron work,	17 80
Dave Welch, labor,	17 69
R. D. Wood & Co., special castings,	58 20
Perrin, Seamans & Co., picks and shovels,	21 72
W. F. Rutter, valve,	13 95
Boston Lead M'f'g Co., lead,	12 22
Daniel Cronin, labor,	6 58
Patrick Lynch, labor,	4 80
H. McLawlin, hardware,	4 84
Lawrence Gas. Co., coke,	4 50
F. E. Gleason, wood,	3 75
Gilchrist & Taylor, valve box,	4 20
Michael Bairnie, labor,	3 20
Smith & Manning, oatmeal and oil,	2 94
Hardy & Cole, lumber,	1 44
George Saunders, labor,	1 50
Wm. H. Higgins, board of horse,	12 00
Patrick McMullen, labor,	5 30
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	\$2552 71
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## CREDIT, PIPE DISTRIBUTION.

Smith & Dove M'f'g Co., laying pipe,	\$774 15
Hardy & Cole, laying pipe,	44 40
	<hr/>
	\$818 55
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## PUMPING PLANT.

Driscoll & O'Brien, brick, cement and labor,	\$1134 30
John E. Smith, superintendent,	331 89
Davis & Farnham M'f'g Co., flange, pipe and specials,	212 75
W. J. Jones, stone cutting,	419 50
O. B. Howarth, labor,	113 89
Wm. H. Higgins, board of horse,	89 50
Ludlow Valve M'f'g Co., valves,	98 41
Gilchrist & Taylor, pipe and fittings,	120 52
S. Peterson, labor,	61 40
George F. Holt, rent of steam pump,	47 51
Locke & Jones, ledge stone,	44 00
Hardy & Cole, lumber,	32 00
C. L. Bailey, board of men,	28 20
Frank R. Goodwin, labor,	30 52
Adolph Peterson, labor,	29 71
Andrew Hurley, labor,	20 35
Andrew Monehan, labor,	21 31
Michael Monehan, labor,	19 24
Edward S. Moulton, gravel and hauling,	16 55
John Croston, labor,	14 40
Clarence Goldsmith, night fireman,	12 00
Andover Press, printing specifications,	11 60
George W. Chandler, teaming,	10 00
Treat Hardware and Supply Co., tools and hardware,	10 10
B. & M. R.R., freight,	11 82
H. McLawlin, hardware,	6 12
Dennis Callahan, labor,	9 90
Mike Laughlin, labor,	6 40
Phil Purcell, labor,	4 80
Anderson & Bowman, iron work,	5 55
George Nickerson, labor,	4 50
Perrin Seamans & Co., tools,	4 25
Wm. Butterfield, labor,	3 00
E. C. Pike, fittings,	1 99
American Express, express,	30

*Amount carried forward,*

\$2988 28



<i>Amount brought forward,</i>	\$2988 28
Brown's Express, express,	25
Geo. E. Hussey, horse hire,	1 50
	<hr/>
	\$2990 03
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## TOOLS.

Walworth M'f'g Co., cast iron pipe cutter,	\$25 00
John L. Smith, forge,	10 00
S. M. Spencer, branding iron,	1 25
American Express Co., express,	30
	<hr/>
	\$36 55
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## CONSTRUCTION EXPENSES.

John E. Smith, engineering,	\$27 16
John N. Cole, drawing paper,	9 85
	<hr/>
	\$37 01
	<hr/>

## TEAMS.

J. Warren Mooar, painting wagons, 1893,	\$19 25
	<hr/>

## COST OF CONSTRUCTION.

Office fixtures,	\$492 53
Service pipe,	9370 87
Pipe distribution,	124723 84
Buildings at Pumping Station,	9405 73
Tools,	936 70
Pumping plant,	16318 84
Coal shed,	806 97
Reservoir,	11074 59
Suction pipe,	1309 46
	<hr/>
<i>Amount carried forward,</i>	\$174439 53

<i>Amount brought forward,</i>	\$174439 53
Grading land,	1724 87
Water and land damage,	3493 15
Engineering expenses,	6687 97
Teams,	474 90
Work shop,	1259 62
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	\$188080 04

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## SUPERINTENDENT'S REPORT.

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### *To the Board of Water Commissioners :*

I herewith submit my report for the year ending January 15, 1896.

During the year there has been laid 761 feet of 8-inch, 2600 feet of 6-inch, and 108 feet of 4-inch pipe, and 3-8 inch, 8-6 inch, 24-inch valves and 4 hydrants set as follows :

Smith & Dove Manufacturing Company, fire pipe, 761 feet 8-inch, 204 feet of 6-inch, 104 feet of 4-inch pipe, 3-8 inch, 4-6 inch, 2-4 valves and 2 hydrants.

Hardy & Cole, private way, 120 feet of 6-inch pipe, 1-6 inch valve.

East Chestnut Street, 48 feet of 6-inch pipe.

Moses T. Stevens & Sons, 423 feet of 6-inch pipe, 2-6 inch valves.

Summer Street, from Washington Avenue to J. F. Morse's, 1805 feet of 6-inch pipe, 1-6 inch valve, 2 hydrants.

The total length of main pipe now in service is 24 miles.

There have been 52 applications for service pipe and 51 pipes laid during the year. In addition to the pipe laid as shown by schedule, a large amount has been laid on private land and not connected directly with the system. There

have also been erected 2 stand pipes for street sprinkling, the expense of which has been charged to service pipe.

### SCHEDULE OF SERVICE PIPE.

Laid during 1895.	Kind,	Cement Lined.	Lead Lined.	Tarred	Lead.	Cast-Iron.	Total.
	Sizes,	$\frac{3}{4}$ , 1, & $1\frac{1}{2}$ in.	$\frac{3}{4}$ , 1, & $1\frac{1}{4}$ in.	2 & $2\frac{1}{2}$ inches.	$\frac{5}{8}$ & 1 inch.	4 inch.	
	No. of Services, Owned by Town,		51	1			52
	Owned by Individ		1801.6	37.7			1829.3
			2007.7	18.5			2026.2
	Total for 1895,		3809.3	56.2			3865.5
Previously Reported,	No. of Services, Length in feet,	642 47582.3	1 243.7	3 193.7	6 817.	2 738.2	654 49574.9
Total Jan. 15, 1896,	No. of Services, Length in feet,	622 47582.3	52 4053.0	4 249.9	6 817.	738.2	706 53440.4

There have been 41 meters set during the year. Total number now in service, 278.

In reply to specifications issued for a High Duty Pumping Engine, fifteen proposals were received from six reliable manufacturers of this class of machinery. The design and proposal of the Deane Steam Pumping Company of Holyoke, Mass., was considered the most satisfactory, and a contract was made with them to furnish, erect and put in operation a cross compound vertical fly wheel pumping engine capable of delivering 1200 gallons of water per minute, with a piston speed of 200 feet per minute, together with air pump, piping and appliances, for the sum of \$9296.00, said price subject to forfeit or premium at the rate of \$25.00 for every million foot pounds duty under or over the guaranteed duty of 125 million foot pounds per 1000 pounds of steam. The pumping engine has been erected and run for a few days, but has not yet been tested. A more particular description of engine and machinery will accompany a report of the test which will take place within a few weeks.

According to the contract, foundations, all sections of suction and discharge pipe and all pipe in the boiler room were to be furnished and put in place by the town. The foundation for the main engine rests on a bed of very uneven nature,

there being loose, coarse sand, fine silt quicksand, and sand so compact as to be almost sandstone, within the area of the 250 square feet upon which the foundation is erected. This area is enclosed by 2 and 3 inch sheet piling driven two feet below the excavation, or five feet below low water in the pond. All places containing quicksand or springs were pounded full of gravel and small stones. The sub-foundation was then constructed as follows: 3 inches of small stone of about 2 inches diameter, a raft of 8x8 inch spruce placed 18 inches on centers and covered with 4 inch plank, a sheet of concrete 6 inches thick which formed a bed for large flat ledge stone varying from 12 to 16 inches in thickness. On top of this is the foundation proper consisting of brick laid in cement and capped and trimmed with cut stone. The total weight of engine and foundations is not far from 200 tons or eight-tenths of a ton per square foot of foundation area. This is a light load for an ordinary soil, and the weight has been so carefully distributed that no fear of settlement need be entertained.

In this connection I desire to express my appreciation for the advice and assistance rendered by Mr. James P. Butterfield of your Board in overcoming the many difficulties encountered.

#### MAINTENANCE.

The works are now furnishing water for 50 stores and offices, 9 dormitories, 6 greenhouses, 8 club houses or rooms, 5 churches, 7 buildings for manufacturing purposes, 5 laundries, 1 hotel, 3 schools, 1 library, 3 halls, 1 athletic ground, 2 eating-houses, 20 stables, 2 depots, 1 bakery, 33 boarding-houses, and 798 families.

The town is furnished free of charge with water for the town house, town farm, Memorial Hall, town stables, 2 engine houses, 5 schoolhouses, 6 drinking fountains, 6 stand pipes for street sprinkling and 182 hydrants.

Notwithstanding the dry summer, the pond has fallen below the outlet only a few inches and then only for a short time. When it is considered that each inch of water in the

pond is a ten days' supply and that there is 20 feet of water over the suction pipe, no fear of water famine need be entertained. There have been the usual number of leaks on main pipe. Two stoppages have occurred on service pipe.

The pumps have run through the year without serious trouble, but require a thorough overhauling, which can easily be done after the new pumps have been put in commission. This will require an expenditure of about \$300.00, which I would recommend be included in the estimate for maintenance for the ensuing year.

On the whole, the works are in a very satisfactory condition, and with the addition of the new pumps, well equipped for any emergency which is liable to arise.

Respectfully submitted,

JOHN E. SMITH,

JANUARY 31, 1896.

# MONTHLY RECORD OF PUMPING SERVICE, 1895.

Month.	Days.	Time.	Lift, including and suction.	LBS. COAL USED.			Gallons pumped.	DUTY		Average daily consumption.
				Pumping.	Banking Starting, Etc.	Total.		Ft. lbs. with 100 lbs. Coal.	By total coal used.	
		H M	ft.					By coal used pumping.		gallons.
January	20	121 27	300	35,000	6100	41,000	9,138,640	65,276,000	55,587,834	294,795
February	20	127 38	300	39,300	5600	44,900	9,129,505	58,075,732	50,832,433	326,054
March	22	138 15	300	44,100	4400	48,500	10,027,780	56,846,825	51,689,588	323,477
April	19	107 13	300	32,000	3800	35,800	7,304,230	56,814,197	48,054,145	243,474
May	20	121 42	300	33,600	4000	37,600	8,233,645	61,262,240	55,009,327	265,601
June	22	154 05	300	42,900	4400	47,300	10,134,915	59,061,762	53,567,204	337,830
July	23	150 25	300	41,300	5700	47,000	10,258,975	62,100,323	54,547,740	330,934
August	24	152 40	300	42,800	6250	49,050	11,428,150	66,753,212	58,269,878	368,630
September	24	168 30	300	41,400	4800	46,200	11,383,120	68,497,101	61,380,519	379,437
October	22	147 35	300	36,368	4400	40,768	10,465,585	71,969,760	64,177,694	337,599
November	21	141 30	300	37,450	4200	41,650	9,597,630	62,734,512	57,608,823	319,921
December	22	146 23	300	39,000	7615	46,615	10,252,795	65,723,045	54,986,565	330,735
Totals	259	1677 25	300	465,218	61,265	526,483	117,354,950	62,849,544	55,725,899	321,520





